ITEM_NO	UNIT	DESCRIP	DESCRIPTION
101.0000 E	EΑ		Clear, grub and dispose of all trees as noted in the plans or as directed by the City for the sum of dollars and cents each.
102.0000 L	S		Clear, grub and dispose of all trees as required for construction (subject to prior approval by the engineer) complete for the lump sum of dollars and cents.
103.0000 A	AC	BUSHES, SHRUBS & TREES CLEAR & GRUB	For clearing, grubbing and removal of all bushes, shrubs and treesetc as needed along the proposed alignment, for the sum of dollars and cents per acre.
103.0100 L	S		For clearing, grubbing and removal of all bushes, shrubs and treesetc as needed along the proposed alignment, for the lump sum of dollars and cents.
104.0000 E	EΑ	SHRUBS REMOVE & DISPOSE	Clear, grub and dispose of all shrubs as noted in the plans complete and in place for the sum of dollars and cents each.
105.0000 L			For removal and disposal (large areas) of all obstructions from the ROW and designated easements, including all clearing and grubbing for the lump sum of dollars and cents.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
105.0100	LF	SHRUBS, BRUSH, TREES FROM ROW REMOVE & DISPOSE	For removal and disposal of all shrubs, brush, trees, etc from the ROW and designated easements, including all clearing and grubbing for the sum of dollars and cents per linear foot.
105.0110	LF	PLANTER BOX FROM ROW REMOVE & DISPOSE	For removal and disposal of a planter box from the ROW and designated easements, including all clearing and grubbing for the lump sum of dollars and cents.
105.1000	AC	OBSTRUCTION REMOVE & DISPOSE	For removal and disposal (large areas) of all obstructions from the ROW and designated easements, including all clearing and grubbing for the sum of dollars and cents per acre.
106.0000	EA	TREES REMOVE & DISPOSE	Clear, grub and dispose of all trees as noted in the plans or as directed by the City for the sum of dollars and cents each.
106.0300	EA	TREE ROOTS 3" DIA OR GREATER REMOVE & DISPOSE	Remove and dispose of tree roots 3" or greater in diameter including all incidentals necessary according to the plans for the sum of dollars and cents each.
107.0000	EA	TREES PROTECT	Protect of all trees as noted in the plans or as directed by the City for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
108.0000	EA	TREE TRIM	Trim trees for clearance from professional tree trimming services and all incidentals according to the plans for the sum of dollars and cents each.
110.0000	EA	TRAFFIC SIGNAL/ LIGHT BASES REMOVE & DISPOSE	For removal and disposal of traffic or street light concrete bases (all types) at the locations shown and all incidentals according to the plans for the sum of dollars and cents each.
111.0000	EA	STREET LIGHT STD. REMOVE & SALVAGE	Remove and salvage street light standard to Garland Power and Light, and all other incidentals necessary to complete in place, for the sum of dollars and cents per each.
112.0000	EA	STREET LIGHT STD. REMOVE, SALVAGE STORE AND REINSTALL	Remove, salvage, store, and reinstall street light standard and all other incidentals necessary to complete in place, for the sum of dollars and cents per each.
130.0000	SY	CONC PAVING SAW REMOVE & DISPOSE	For sawing, removal and disposal of existing reinforced or non-reinforced concrete, street, median, alley,sidewalk,parking lot or drive approach for the sum of dollars and cents per square yard.
131.0000	LF	CONC CURB & GUTTER REMOVE & DISPOSE	For the removal and disposal of existing concrete curb and gutter, complete for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
132.0000	LF	CONC CURB & GUTTER SAW REMOVE & DISPOSE	For sawing, removal and disposal of existing monolithic concrete curb and gutter for the sum of dollars and cents per linear foot.
133.0000	SY		Remove variable depth concrete street, alley, sidewalk, curb & gutter section, or median paving for the sum of dollars and cents per square yard.
134.0000	SY	DRIVEWAY SAW REMOVE & DISPOSE	For sawing, removal and disposal of existing driveway, for the sum of dollars and cents per square yard.
135.0000	SY		For sawing, removal and disposal of existing asphaltic pavement, for the sum of dollars and cents per square yard.
136.0000	CY	EXCAVATION UNCL. ROADWAY	Unclassified roadway, alley, or driveway excavation including all clearing, hauling and disposal of surplus for the sum of dollars and cents per cubic yard.
136.0100	SY		For the roadway undercut excavation in rock, 4 inches in depth below subgrade, including all clearing, hauling, and disposal of surplus for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
137.0000	CY		For unclassified borrow excavation from areas shown on the plans including all clearing, hauling and disposal of surplus for the sum of dollars and cents per cubic yard.
138.0400	_F		For sawing, removal and disposal of existing 4' concrete sidewalk, for the sum of dollars and cents per linear foot.
138.0600 [_F	SIDEWALK 6' SAW REMOVE & DISPOSE	For sawing, removal and disposal of existing 6' concrete sidewalk, for the sum of dollars and cents per linear foot.
139.0000 l	_F	ASPHALT SIDEWALK REMOVE & DISPOSE	For sawing, removal and disposal of existing asphalt sidewalk, for the sum of dollars and cents per linear foot.
140.0000 E	ΞA		Remove, salvage, clean and transport to City of Garland Warehouse existing fire hydrant all according to the plans for the sum of dollars and cents each.
141.0000 E			Remove and dispose of existing Fire Hydrants as indicated on the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
142.0000	ĒΑ	FIRE HYDRANT REMOVE & RELOCATE	Remove and relocate of existing Fire Hydrants including all incidentals necessary according to the plans for the sum of dollars and cents each.
143.0000	EA	WATER PIPE REMOVE & DISPOSE	Remove and dispose of existing water pipe as indicated on the plans for the sum of dollars and cents each.
144.0000	LF	WATER PIPE REMOVE & DISPOSE	Remove and dispose of existing water pipe as indicated on the plans for the sum of dollars and cents per linear foot.
145.0000	EA	VALVE ABANDON	For the closing of valve, removal of valve stack, and backfilling of excavated area all according to the specifications and details for the sum of dollars and cents per each.
145.0001	EA	VALVE REMOVE & DISPOSE	Remove and dispose existing water valve, and backfilling of excavated area all according to the specifications and details for the sum of dollars and cents per each.
146.0000	EA	METER BOX REMOVE	Remove existing Meter Box including all incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
148.0000	DEA	WATER WELL	Plug water well complete and in place including all incidentals necessary according to the plans for the sum of cents each.
149.0000	EA	MANHOLE REMOVE & DISPOSE	Remove and dispose existing sanitary or storm sewer manhole as shown in the plans and all incidentals according to the plans for the sum of dollars and cents each.
149.0001	EA	MANHOLE REMOVE & DISPOSE, CONNECT TO EXIST 6"SS	Remove and dispose existing sanitary or storm sewer manhole, connect to existing 6" sanitary sewer as shown in the plans and all incidentals according to the plans for the sum of dollars and cents each.
149.0002	PEA	MANHOLE REMOVE & DISPOSE, CONNECT TO EXIST 8"SS	Remove and dispose existing sanitary or storm sewer manhole, connect to existing 8" sanitary sewer as shown in the plans and all incidentals according to the plans for the sum of dollars and cents each.
150.0000	EA	MANHOLE REMOVE & BACKFILL	Remove and backfill existing sanitary or storm sewer manhole as shown in the plans and all incidentals according to the plans for the sum of dollars and cents each.
151.0000	EA	MANHOLE COLLAPSE & BACKFILL	Collapse and backfill existing sanitary or storm sewer manhole as shown in the plans and all incidentals according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
152.0000	EA	LIFT STATION REMOVE & DISPOSE	Remove and backfill existing sanitary sewer lift stations at the locations shown in the plans complete and in place for the sum of dollars and cents each.
153.0000	EA	LIFT STATION REMOVE & SALVAGE	Excavate, remove, clean, salvage and transport to destination as noted in the plans various sizes sanitary sewer lift stations complete and in place for the sum of dollars and cents each.
154.0001	EA	SAN SEWER RING & COVER REMOVE & DISPOSE	Remove and dispose existing sanitary sewer ring and cover, including all materials, and all other incidentals necessary according to the plans for the sum of dollars and cents each.
155.0000	LS	SAN SEWER AERIAL CROSSING REMOVE & DISPOSE	For removal and disposal of existing aerial crossing, for the lump sum of dollars and cents.
156.0000	LF	SAN SEWER FORCE MAIN REMOVE & DISPOSE	For removal and disposal of existing force main, for the sum of dollars and cents each.
156.0400	LF	SAN SEWER 4" FORCE MAIN REMOVE & DISPOSE	For removal and disposal of existing 4" force main, for the sum of dollars and cents per linear foot.

ITEM_NO UN	IT DESCRIP	DESCRIPTION
156.0600 LF	SAN SEWER 6" FORCE MAIN REMOVE & DISPOSE	For removal and disposal of existing 6" force main, for the sum of dollars and cents per linear foot.
156.0800 LF	SAN SEWER 8" FORCE MAIN REMOVE & DISPOSE	For removal and disposal of existing 8" force main, for the sum of dollars and cents per linear foot.
156.1000 LF	SAN SEWER 10" FORCE MAIN REMOVE & DISPOSE	For removal and disposal of existing 10" force main, for the sum of dollars and cents per linear foot.
157.0000 LF	SAN SEWER REMOVE & DISPOSE	For removal and disposal of existing sanitary sewer, for the sum of dollars and cents each.
157.0600 LF	SAN SEWER 6" REMOVE & DISPOSE	For removal and disposal of existing 6" sanitary sewer, for the sum of dollars and cents per linear foot.
157.1000 EA	CLEANOUT SAN SEWER REMOVE & DISPOSE	For removal and disposal of existing sanitary sewer cleanout, for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
157.1200	ĹF	SAN SEWER 12" REMOVE & DISPOSE	For removal and disposal of existing 12" sanitary sewer, for the sum of dollars and cents per linear foot.
158.2400	CY	CONCRETE GROUT REMOVE & DISPOSE	For removal and disposal of CONCRETE GROUT, for the sum of dollars and cents per CUBIC YARD.
159.0000	CY	CONCRETE GROUT BACKFILL	Backfill of existing sanitary sewer encasement under railroad tracks with concrete grout, complete and in place for the sum of dollars and cents per cibiv yard.
160.0000	LF	LARGE STRUCTURE REMOVE & DISPOSE	For the removal and disposal of existing large structures complete for the sum of dollars and cents per linear foot.
160.1000	EA	LARGE STRUCTURE REMOVE & DISPOSE	For the removal and disposal of existing large structures complete for the sum of dollars and cents each.
161.0000	EA	HEADWALLS & WING WALLS REMOVE & DISPOSE	Excavate, remove and dispose of reinforced concrete headwalls and wing walls of various sizes for the sum of cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
164.0010	ĒΑ	CONCRETE PIER REMOVE & DISPOSE	For removal and disposal of concrete pier for the sum of dollars and cents each.
164.0020	SY	TOP 18" CONCRETE PIER & CAP REMOVE AND DISPOSE	For removal and disposal top 18" concrete pier and cap for the sum of dollars and cents per square yard.
164.0030	SY	4" CONCRETE MOW STRIP REMOVE & DISPOSE	For removal and disposal of 4" concrete mow strip under existing wall for the sum of dollars and cents per square yard.
165.0000	LF	CONCRETE RETAINING WALL REMOVE & DISPOSE	For removal and disposal of variable height concrete retaining wall for the sum of dollars and cents per linear foot.
165.0001	LF	CONCRETE RETAINING WALL 0-4' REMOVE & DISPOSE	For removal and disposal of 0 - 4 feet concrete retaining wall for the sum of dollars and cents per linear foot.
165.0004	LF	CONCRETE RETAINING WALL 4'-10' REMOVE & DISPOSE	For removal and disposal of 4 - 10 feet concrete retaining wall for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
172.1000	EA	GUARDPOST REMOVE & DISPOSE	Remove and dispose existing guardpost and all incidentals necessary according to the plans for the sum of dollars and cents each.
172.2000	EA	SINGLE GUARDRAIL TERMINAL REMOVE & SALVAGE	Remove, salvage and transport to City of Garland Warehouse existing single guardrail terminal (SGT) and all incidentals necessary according to the plans for the sum of dollars and cents each.
173.0000	LF	BARRICADES & GUARD RAILS REMOVE & DISPOSE	For removing and disposal or salvaging of all barricades and guard rail, complete and in place for the sum of dollars and cents per linear foot.
174.0000	LF	BRIDGE RAIL SAW REMOVE & DISPOSE	Sawcut remove and dispose off-site of various thickness concrete bridge rail, complete for the sum of dollars and cents per linear foot.
175.0000	EA	STORAGE SHED RELOCATE	Relocate storage shed, including all incidentals necessary according to the plans for the sum of dollars and cents each.
176.0000	LF	VARIABLE TYPE FENCE REMOVE & DISPOSE	Remove and dispose of variable type fencing, of all heights, including gates and all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
177.0000	LF	CHAIN LINK FENCE REMOVE & DISPOSE	Remove and dispose of variable height chain link fence at the locations shown on the plans, complete for the sum of dollars and cents per linear foot.
177.0400	LF	CHAIN LINK FENCE 4' REMOVE & DISPOSE	Remove and dispose 4 foot height chain link fence at the locations shown on the plans, complete for the sum of cents per linear foot.
177.0500	LF	CHAIN LINK FENCE 5' REMOVE & DISPOSE	Remove and dispose 5 foot height chain link fence at the locations shown on the plans, complete for the sum of dollars and cents per linear foot.
177.0600	LF	CHAIN LINK FENCE 6' REMOVE & DISPOSE	Remove and dispose 6 foot height chain link fence at the locations shown on the plans, complete for the sum of dollars and cents per linear foot.
178.0000	LF	WOOD FENCE REMOVE	Remove wood fence including all materials, and all other incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
178.0001	EA	WOOD SLIDING GATE REMOVE & DISPOSE	Remove and dispose 6' wood sliding gate, including all materials, and all other incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
178.0600	LF	WOOD FENCE 6' REMOVE	Remove 6 foot high wood fence including all materials, and all other incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
178.0800	LF	WOOD FENCE 8' REMOVE	Remove 8 foot high wood fence including all materials, and all other incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
179.0000	LF	TEMP LIVESTOCK FENCE REMOVE & DISPOSE	Remove and dispose of temporary livestock fence according to the plans for the sum of dollars and cents per linear foot.
180.7000	LF	CORRUGATED METAL PIPE VARIOUS SIZES REMOVE & DISPOSE	Excavate, remove and dispose of corrugated metal pipe culvert/ storm sewer complete for the sum of dollars and cents per linear foot.
181.0000	EA	CURB INLET REMOVE & DISPOSE	For removal and disposal of recessed or standard curb inlets for the sum of dollars and cents each.
182.0000	EA	INLET, JUNCTION BOX OR HEADWALL REMOVE	Remove one (1) existing inlet box, junction box, or headwall for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
187.0000	CY	EXCAVATION UNCLASSIFIED CHANNEL	Unclassified channel excavation, all clearing, hauling and disposal of surplus for the sum of dollars and cents per cubic yard.
187.1000	CY	EXCAVATION EXCESS HAUL OFF	Excess haul off excavation, all clearing, hauling and disposal of surplus for the sum of dollars and cents per cubic yard.
188.0000	LF	PVC PIPE REMOVE & DISPOSE	Excavate, remove and dispose of various sizes of PVC storm sewer and and all other incidentals necessary, according to the plans and specifications, complete in place for the sum of dollars and cents per linear foot.
190.0000	LS	ANIMAL STALLS REMOVE & DISPOSE	Remove and dispose of animal stalls (wood or metal) complete at the location shown on the plans for the lump sum of dollars andcents.
191.0000	EA	SEPTIC TANK REMOVE & DISPOSE	Dewater, remove and dispose existing septic tanks including disconnecting service line, back-filling hole, and removing drain tiles as necessary as indicated on the plans complete for the sum of dollars and cents each.
192.0000	EA	PIPE BOLLARDS REMOVE & DISPOSE	Remove and dispose steel bollards, and all other incidentals necessary to complete in place all according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
192.1000	EA	WOOD POSTS REMOVE & DISPOSE	Remove and dispose wood posts, and all other incidentals necessary to complete in place all according to the plans for the sum of dollars and cents each.
193.0000	LS	FUEL TANKS REMOVE & DISPOSE	Removal, Handling and Disposal of identified fuel tanks in accordance with Texas Department of Health, EPA and OSHA Rules and regulations as shown on the plans and all incidentals according to the plans for the lump sum of cents each.
194.0000	EA	ENTRY SIGN REMOVE & SALVAGE	Remove and salvage entry sign including all labor & incidentals necessary for the sum of dollars and cents each.
196.0000	LF	TRENCH SAFETY	Furnish and install complete trench safety including all incidentals necessary according to the specifications, details, and State and Federal regulations for the sum of dollars and cents per linear foot.
198.0000	LF	UNDERGROUND ELECTRICAL. DUCT REMOVE & DISPOSE	Remove and dispose existing underground electrical duct the for the sum of dollars and cents per linear foot.
199.0000	LS	MISCELLANEOUS REMOVAL ITEM	For the removal and disposal of miscellaneous item as described in the plans, complete for the lump sum of dollars and cents.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
199.0001	LS	APARTMENT STRUCTURE REMOVE & DISPOSE	For the removal and disposal of existing apartment structures complete for the lump sum of dollars and cents.
199.0002	LS	ASBESTOS CONTAINING MATERIAL REMOVAL, HANDLING & DISPOSAL	For the removal handling and disposal of identified asbestos containing complete for the lump sum of dollars and cents.
199.0003	LS	ASBESTOS CONTAINING MATERIAL REMOVE, HANDLING & DISPOSAL	Removal, handling and Disposal of identified Asbestos Containning Material in accordance with Texas Department of Health, EPA and OSHA Rules and regulations as shown on the plans and all incidentals according to the plans for the lump sum of cents.
199.0004	LS	IDENTIFIED STRUCTURES REMOVE & DISPOSE	Demolition of identified structures in accordance with the City Of Garland, Texas Department of Safety, Health and A, EPA and OSHA requirementss as shown on the plans and including all incidentals according to the plans for the lump sum of dollars and cents.
199.0005	LS	RADIO TOWER REMOVE & DISPOSAL	Dissemble radio tower, remove from site and dispose at an approved salvage or land fill location for the lump sum of dollars and cents.
199.0006	LS	CERAMIC FLOOR & ASBESTOS REMOVE & MITIGATE	Remove and mitigate ceramic floor and asbestos containing floor tile and mastic tile in suites 407 and 411 after building demolition a part of as described in the specifications and all incidentals according to the plans for the lump sum of dollars and cents.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
199.0007	LF	CONCRETE BLOCK WALKWAY REMOVE	Remove, salvage and reconstruct concrete block walkway for the sum of dollars and cents per linear foot.
199.0008	LF	FLAGSTONE WALKWAY REMOVE	Remove, salvage and reconstruct flagstone walkway for the sum of dollars and cents per linear foot.
199.0009	EA	BIRD HOUSE REMOVE, STORE & REINSTALL	Remove, store and reinstall bird house including concrete base for the lump sum of dollars and cents per each.
199.0010	EA	WINDMILL REMOVE, STORE & REINSTALL	Remove, store and reinstall windmill including concrete base for the lump sum of dollars and cents per each.
199.0011	SY	DRY STONE RIPRAP TYPE 'A' REMOVE	Remove and replace 12" Type 'A' dry stone riprap (match existing materials) for the sum of dollars and cents per square yard.
199.0012	EA	WOOD BOLLARD REMOVE AND REPLACE	Remove and replace wood bollard for the sum of dollars and cents per each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
201.0000	TON	HYDRATED LIME	Hydrated lime for subgrade treatment all according to the plans and specifications complete and in place for the sum of dollars and cents per ton.
202.1000	SY	SUBGRADE MIX LIME	Pulverizing, mixing and compacting 6 inch thick, 6 percent lime slurry subgrade compacted to 95% proctor density for the sum of dollars and cents per square yard.
202.2000	CY	SUBGRADE CRUSHED ROCK	For crushed rock, subgrade placement to the thickness shown on the plans, and including all other incidentals necessary according to the plans for the sum of dollars and cents per cubic yard.
202.3000	TON	SUBGRADE CEMENT TREATED	For cement for subgrade treatment all according to the plans and specifications complete and in place for the sum of dollars and cents per ton.
202.4000	SY	SUBGRADE ASPHALT PAVEMENT	For Type A asphaltic concrete pavement subgrade treatment all according to the plans and specifications complete and in place for the sum of dollars and cents per square yard.
203.0000	CY	BORROW DELIVERED	Borrow delivered to job site requiring fill including hauling, placement and compaction (95% proctor density) for the sum of dollars and cents per cubic yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
203.0100	SY	BORROW DELIVERED, 4" COHESIVE MATERIAL	For four inch (4") cohesive material (P.I.<12, not including sand or gravel) delivered, placed in rock undercut areas and compacted to 95% Standard Proctor Density accoeding to the plans and specifications for the sum of dollars and cents per square yard.
203.1000	SY	TOP SOIL 4"	For four inch (4") top soil delivered, placed and compacted to 95% Standard Proctor Density according to the plans, specifications and details for the sum of dollars and cents per square yard.
203.2000	SY	TOP SOIL 6"	For six inch (6") top soil delivered, placed and compacted to 95% Standard Proctor Density according to the plans, specifications and details for the sum of dollars and cents per square yard.
203.2010	SY	TOP SOIL 6" BORROW	For six inch (6") top soil boroow delivered, placed and compacted to 95% Standard Proctor Density according to the plans, specifications and details for the sum of dollars and cents per square yard.
203.3000	SY	TOP SOIL	For top soil delivered, placed and compacted to 95% Standard Proctor Density according to the plans, specifications and details for the sum of dollars and cents per square yard.
203.4000	SY	TOP SOIL 12"	For twelve inch (12") top soil delivered, placed and compacted to 95% Standard Proctor Density according to the plans, specifications and details for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
203.4010	SY	TOP SOIL 12" BORROW	For twelve inch (12") top soil borrow delivered, placed and compacted to 95% Standard Proctor Density according to the plans, specifications and details for the sum of dollars and cents per square yard.
204.0000	CY	COMPACTION OF FILL	For compaction of fill dirt in all areas designated on the plans to 95% standard proctor density at optimum moisture content and including all hauling and placement for the sum of dollars and cents per cubic yard.
204.1000	CY	COMPACTION	For compaction of all areas designated on the plans to 95% standard proctor density at optimum moisture content and including all hauling and placement for the sum of dollars and cents per cubic yard.
205.0600	SY	6" THICK LIME & CEMENT	Pulverizing, mixing, and compacting 6 inch thick lime and cement according to the plans, specifications and details for the sum of dollars and cents per square yard.
205.2000	SY	TWO PASSES THICK LIME & CEMENT	Pulverizing, mixing, and compacting lime and cement subgrade in two passes in according to the plans, specifications and details for the sum of dollars and cents per square yard.
206.0600	SY	6" THICK ASPHALTIC CONCRETE	For asphaltic concrete subgrade placement to the thickness shown on the plans, and including all other incidentals necessary according to the plans for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
206.0800	SY	8" THICK ASPHALTIC CONCRETE	For asphaltic concrete subgrade placement to the thickness shown on the plans, and including all other incidentals necessary according to the plans for the sum of dollars and cents per square yard.
207.0000	CY	SUBGRADE REPLACEMENT	Subgrade replacement under proposed gabion wall consisting of replacement of soils with a cementitious flowable fill material from the top of the grey limestone to the bottom of the gabion wall, to the fill limits shown, including all incidentals necessary according to the plans for the sum of dollars and cents per cubic yard.
207.1000	CY	SUBGRADE REPLACEMENT UNDER PROPOSED GABION MATTRESS	Subgrade replacement under proposed gabion mattress consisting of replacement of soils with a cementitious flowable fill material from the bottom of the trench to the bottom of the gabion mattress, to the fill limits shown, including all incidentals necessary according to the plans for the sum of dollars and cents per cubic yard.
208.0000	CY	LANDFILL MATERIAL REMOVAL & DISPOSAL & REPLACE WITH SELECT FILL	For the removal and disposal of landfill material and unsuitable or unstable soil that is excavated in the pipe trenches or other loctions not shown on the drawings but identified during construction and replacement with select fill delivered and property installed within the trenchs or other identified locations all acording to the plans and specifications for
208.0010	CY	NON-HAZARDOUS LANDFILL MATERIAL REMOVAL & DISPOSAL & REPLACE WITH GENERAL FILL	For the removal and disposal of non-hazardous landfill material and unsuitable or unstable soil that is excavated in the pipe trenches or other locations not shown on the drawings but identified during construction and replacement with general fill delivered and property installed within the trenchs as trench backfill or other identified locations all acording to the plans and specifications for dollars and cents per cubic yard.
208.0020	CY	HAZARDOUS LANDFILL MATERIAL REMOVAL & DISPOSAL & REPLACE WITH GENERAL FILL	For the removal and disposal of hazardous landfill material and unsuitable or unstable soil that is excavated in the pipe trenches or other locations not shown on the drawings but identified during construction and replacement with general fill delivered and property installed within the trenchs as trench backfill or other identified locations all acording to the plans and specifications for dollars and cents per cubic yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
210.0000	SY	FLEX BASE	Flexible base for the thickness as shown in the plans for the sum of dollars and cents per square yard.
210.0100	СҮ	FLEX BASE	Flexible base for the thickness as shown in the plans for the sum of dollars and cents per cubic yard.
210.0800	SY	FLEX BASE	Flexible base 8" for the thickness as shown in the plans for the sum of dollars and cents per square yard.
211.0000	СҮ	CRUSHED ROCK	For crushed rock embedment in accordance with the NTCOG specification item No.2.1.7(d)(3) including all placing, compaction, hauling and all other incidentals necessary to complete in place for the sum of dollars and cents per cubic yard.
211.0001	СҮ	CRUSHED ROCK NTCOG NO. 504.2.1	For four inch (4") crushed rock embedment in accordance with the NTCOG specification item No.504.2.2.1 including all placing, compaction, hauling and all other incidentals necessary to complete in place for the sum of dollars and cents per cubic yard
212.0000	SY	CEMENT TREATED BASE	Cement treated base material (CTB), including spreading, compaction, shaping and finishing all according to the plans, specifications and details for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
213.0000	CY	SELECT FILL SAND	Select granular material utilized to improve subgrade for the sum of dollars and cents per cubic yard.
213.0100	СҮ	SLAB BASE	For reworking approach slab base material by removing, moisture processing and recompacting to improve subgrade all according to the plans and specifications for the sum of cents per cubic yard.
214.0000	TON	ASPHALT FILL 2" CONSTRUCT	For 2 inch Type "B" HMHL asphalt fill according to the plans and specifications for the sum of dollars and cents per ton.
215.0000	СҮ	SAND CEMENT BACKFILL	For sand cement backfill, 2 sacks cement per cubic yard of sand complete and in place for the sum of dollars and cents per cubic yard.
216.0000	СҮ	SANDY LOAM BACKFILL	For sandy loam backfill or fill dirt, to be placed and spread uniformly at designated locations, including all transporting, placing, spreading, and grading for the sum of dollars and cents per cubic yard.
217.0000	CY	CONCRETE GROUT BACKFILI	Backfill of existing sanitary sewer encasement with concrete grout, complete and in place for the sum of dollars and cents per cibiv yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
220.0000	HR	HYDRO-HAMMER	For the use of a Hydro-hammer to break out existing concrete including all labor & incidentals necessary for the sum of dollars and cents per hour.
265.0400	SY	TOPSOIL 4"	4 inch thick topsoil in all areas to receive seed or sod including all incidentals according to the plans, technical specification TS-600, and details for the sum of dollars and cents per square yard.
269.0000	SY	HYDROMULCH	Hydromulch including all incidentals according to the plans for the sum of cents per square yard.
269.0001	SY	HYDROMULCH WITHIN CITY OF GARLAND PARK PROPERTY	Hydromulch within City Of Garland park property including all incidentals according to the plans for the sum of dollars and cents per square yard.
269.2000	SY	HYDROMULCH WITH SHADE FRIENDLY GRASS MIX SEED BY NATIVE AMERICAN SEED	For Hydromulch with Shade Friendly Grass Mix Seed by Native American Seed or approved equal in Park areas, including sprinkling and fertilizer complete and in place for the sum of dollars and cents per square yard.
269.3000	SY	HYDROMULCH WITH BERMUDA/ RYE MIX SEED	For Hydromulch with Bermuda / Rye mix seed, including sprinkling and fertilizer comlpete and in place for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
269.4000)SY	HYDROMULCH WITH BERMUDA SEED	For Hydromulch with Bermuda seed, including sprinkling and fertilizer complete and in place for the sum of dollars and cents per square yard.
270.0000	SY	SEEDING	Seeding, including fertilizer and sprinkling complete and in place for the sum of dollars and cents per square yard.
270.1000	SY	SEEDING BERMUDA	Bermuda seeding, including fertilizer and sprinkling complete and in place for the sum of dollars and cents per square yard.
270.3000	SY	SEEDING RYE TURF	Rye Turf seeding, including fertilizer and sprinkling complete and in place for the sum of dollars and cents per square yard.
270.4000	SY	SEEDING RYE TURF	Rye Turf seeding, including fertilizer and sprinkling complete and in place for the sum of dollars and cents per square yard.
270.5000	SY	SEEDING "SHADE-FRIENDLY" GRASS MIX	Seeding with approved 'shade-friendly' grass mix, including fertilizer and sprinkling complete and in place for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
271.0000)SY	SODDING	Sodding , including fertilizer and sprinkling complete and in place for the sum of dollars and cents per square yard.
271.1000	SY	SODDING BERMUDA	Bermuda sodding for erosion control, including fertilizer and sprinkling complete and in place for the sum of cents per square yard.
271.2000	SY	SODDING ST. AUGUSTINE	St. Augustine sodding, including fertilizer and sprinkling complete and in place for the sum of dollars and cents per square yard.
272.0000	SF	TURF TYPE PAVESTONE FURNISH & INSTALL	Furnish and install Turf Type Pavestone including bedding material and all incidentals according to the plans for the sum of dollars and cents per square foot.
273.0000	MO	MOWING	Mowing, including all incidentals according to the plans for the sum of dollars and cents per month.
274.0000	CY	DREDGING	Dredging complete and in place for the sum of dollars and cents per cubic yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
275.0000	LF	RET WALL CROSS TIE CONSTRUCT	Construction of new cross tie retaining wall and all incidentals according to the plans for the sum of dollars and cents per linear foot.
280.0000	SY	TURF REINFORCEMENT MAT FURNISH & INSTALL	Furnish and install Turf Reinforcement Mat and all incidentals according to the plans for the sum of dollars and cents per square foot.
301.0000	TN	ASPHALT OVERLAY TYPE "D" HMHL CONSTRUCT	Construct Type D HMHL asphaltic concrete pavement overlay to the thickness noted on the plans on existing paving or base according to the plans for the sum of dollars and cents per ton.
301.0200	TN	ASPHALT OVERLAY 2" TYPE "D" HMHLCONSTRUCT	Construct 2" type D HMHL asphaltic concrete pavement overlay to the thickness noted on the plans on existing paving or base according to the plans for the sum of dollars and cents per ton.
302.0000	SY	ASPHALT PAVEMENT TYPE "D" HMHL CONSTRUCT	Construct Type D HMHL asphaltic concrete pavement to the thickness noted on the plans,on specified base, all according to the plans for the sum of dollars and cents per square yard.
302.0200	SY	ASPHALT PAVEMENT 2" TYPE "D" HMHL CONSTRUCT	Construct 2 inch Type D HMHL asphaltic concrete pavement on specified base all according to the plans and specifications complete and in place for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
302.0300)SY	ASPHALT PAVEMENT 3" TYPE "D" HMHL CONSTRUCT	Construct 3 inch Type D HMHL asphaltic concrete pavement on specified base all according to the plans and specifications complete and in place for the sum of dollars and cents per square yard.
302.0400	SY	ASPHALT PAVEMENT 4" TYPE "D" HMHL CONSTRUCT	Construct 4 inch Type D HMHL asphaltic concrete pavement on specified base all according to the plans and specifications complete and in place for the sum of dollars and cents per square yard.
302.0600	SY	ASPHALT PAVEMENT 6" HMHL CONSTRUCT	Construct 6 inch Type D HMHL asphaltic concrete pavement on specified base all according to the plans and specifications complete and in place for the sum of dollars and cents per square yard.
303.0200	SY	ASPHALT PAVEMENT 2" TYPE "B" HMAC CONSTRUCT	Construct 2" Type B HMAC asphaltic concrete pavement on specified base all according to the plans and specifications complete and in place for the sum of dollars and cents per square yard.
303.0400)SY	ASPHALT PAVEMENT 4" TYPE "B" HMAC CONSTRUCT	Construct 4" Type B HMAC asphaltic concrete pavement on specified base all according to the plans and specifications complete and in place for the sum of dollars and cents per square yard.
303.0500	SY	ASPHALT PAVEMENT 5" TYPE "B" HMAC CONSTRUCT	Construct 5" Type B HMAC asphaltic concrete pavement on specified base all according to the plans and specifications complete and in place for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
304.0000	SY	ASPHALT PAVING TYPE HMAC CONSTRUCT	For 1-1/2" HMAC on existing Flex Base used in the construction of temporary roadway, including all other incidentals necessary for the sum of dollars and cents per square yard.
305.0000	SY	CONC POUR FINISHING	For providing an exposed aggregate finish on new concrete pours, including all labor, materials, and incidentals necessary to complete in place for the sum of dollars and cents per square yard.
306.0000	SY	ASPHALT PAVEMENT TEMPORARY CONSTRUCT	Construct temporary asphalt paving all according to the plans and specifications, complete and in place, for the sum of and cents per square yard.
306.0200	SY	ASPHALT PAVEMENT 2" TEMPORARY CONSTRUCT	Construct 2" thick temporary asphalt paving all according to the plans and specifications, complete and in place, for the sum of and cents per square yard.
306.0400	SY	ASPHALT PAVEMENT 4" TEMPORARY CONSTRUCT	Construct 4" thick temporary asphalt paving all according to the plans and specifications, complete and in place, for the sum of and cents per square yard.
306.0410	SY	ASPHALT PAVEMENT 4" TEMPORARY CONSTRUCT	Construct 4" thick temporary asphalt paving including maintenance, removal, disposal, and all necessary incidentals for the sum of and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
306.0600	SY	ASPHALT PAVEMENT 6" TEMPORARY CONSTRUCT	Construct 6" thick temporary asphalt paving all according to the plans and specifications, complete and in place, for the sum of and cents per square yard.
307.0000	SY	SPEED HUMP REMOVE & REPLACE	Remove and replace speed hump, for the sum of dollars and cents per square yard.
311.0400	SY	SIDEWALK 4" CLASS A CONSTRUCT	Construct 4 inch thick, reinforced Class A concrete sidewalk paving including all excavation, forming, expansion joint materials for the sum of dollars and cents per square yard.
311.0500	SY	SIDEWALK 5" CLASS A CONSTRUCT	Construct 5 inch thick, reinforced Class A concrete sidewalk paving including all excavation, forming, expansion joint materials for the sum of dollars and cents per square yard.
311.0600	SY	SIDEWALK 6" CLASS A CONSTRUCT	Construct 6 inch thick, reinforced Class A concrete sidewalk paving including all excavation, forming, expansion joint materials for the sum of dollars and cents per square yard.
313.0400	SY	SIDEWALK 4" 3200 PSI CONSTRUCT	Construct 4 inch thick, reinforced 3200 PSI concrete sidewalkall according to the plans and specifications, complete and in place, for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
314.0400	SY	ARMORED SIDEWALK 4" CLASS A CONSTRUCT	Construct 4 inch thick armored sidewalk, reinforced Class A concrete sidewalk paving including all excavation, forming, expansion joint materials for the sum of dollars and cents per square yard.
315.0000	SY	MOW STRIP 4" CLASS "A" CONSTRUCT	Construct 4 inch thick reinforced Class "A" concrete mow strip under screening wall including all excavation, forming, expansion joint materials for the sum of dollars and cents per square yard.
320.0000	SY	ALLEY PAVING CLASS C CONSTRUCT	Construct Class C concrete alley paving according to the plans, details and specifications for the sum of dollars and cents per square yard.
321.0600	SY	ALLEY PAVING 6" CLASS "C" CONSTRUCT	Construct 6 inch Class "C" concrete alley paving according to the plans, details and specifications for the sum of dollars and cents per square yard.
321.0700	SY	ALLEY PAVING 7" CLASS "C" CONSTRUCT	Construct 7 inch Class "C" concrete alley paving according to the plans, details and specifications for the sum of dollars and cents per square yard.
321.0800	SY	ALLEY PAVING 8" CLASS "C" CONSTRUCT	Construct 8 inch Class "C" concrete alley paving according to the plans, details and specifications for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
321.1000	SY	ALLEY PAVING 10" CLASS "C" CONSTRUCT	Construct 10 inch Class "C" concrete alley paving according to the plans, details and specifications for the sum of dollars and cents per square yard.
330.0700	SY	DRIVEWAY PAVEMENT 7" CLASS C CONSTRUCT	Construct 7 inch reinforced Class C flexural strength concrete driveway paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.
331.0500	SY	DRIVEWAY PAVEMENT 5" CLASS "C" CONSTRUCT	Construct 5 inch Class "C" concrete driveway paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.
331.0600	SY	DRIVEWAY PAVEMENT 6" CLASS "C" CONSTRUCT	Construct 6 inch Class "C" concrete driveway paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.
341.0500	SY	STREET PAVING 5" 4200 PSI CONSTRUCT	Construct 5 inch 4200 psi "class F" reinforced concrete street paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.
341.0600	SY	STREET PAVING 6" 4200 PSI CONSTRUCT	Construct 6 inch 4200 psi "class F" reinforced concrete street paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
341.0700	SY	STREET PAVING 7" 4200 PSI CONSTRUCT	Construct 7 inch 4200 psi "class F" reinforced concrete street paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.
341.0800	SY	STREET PAVING 8" 4200 PSI CONSTRUCT	Construct 8 inch 4200 psi "class F" reinforced concrete street paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.
341.0900	SY	STREET PAVING 9" 4200 PSI CONSTRUCT	Construct 9 inch 4200 psi "class F" reinforced concrete street paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.
341.1000	SY	STREET PAVING 10" 4200 PSI CONSTRUCT	Construct 10 inch 4200 psi "class F" reinforced concrete street paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.
342.0500	SY	STREET PAVING 5" CLASS C CONSTRUCT	Construct 5 inch Class C reinforced concrete street paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.
342.0600	SY		Construct 6 inch Class C reinforced concrete street paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
342.0601	SY	STREET PAVING 6" MINIMUM 3000 PSI AT 24 HRS. AND MINIMUM 4200 PSI AT 28 DAYS CONSTRUCT	Construct 6 inch high early strenght reinforced concrete street paving (minimum 3000 PSI strength at 24 hrs., and minimum 4200 PSI strength at 28 days) all according to the plans, specifications and details for the sum of dollars and cents per square yard.
342.0700	SY	STREET PAVING 7" CLASS C CONSTRUCT	Construct 7 inch Class C reinforced concrete street paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.
342.0800	SY	STREET PAVING 8" CLASS C CONSTRUCT	Construct 8 inch Class C reinforced concrete street paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.
342.0900	SY	STREET PAVING 9" CLASS C CONSTRUCT	Construct 9 inch Class C reinforced concrete street paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.
342.1000	SY	STREET PAVING 10" CLASS C CONSTRUCT	Construct 10 inch Class C reinforced concrete street paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.
342.1001	SY	STREET PAVING 10" 4200 PSI CONSTRUCT	Construct 10 inch high early strenght reinforced concrete street paving (minimum 3000 PSI strength at 24 hrs., and minimum 4200 PSI strength at 28 days) all according to the plans, specifications and details for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
343.0500	SY		Construct 5 inch 4200 psi Class F reinforced concrete driveway paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.
344.0000	SY		Construct Class K reinforced concrete street paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.
344.0800	SY		Construct 8 inch Class K reinforced concrete street paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.
344.1000	SY		Construct 10 inch Class K reinforced concrete street paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.
347.0500	SY	RIP-RAP 5" 3000 PSI CONSTRUCT	Construct 5 inch thick reinforced 3000 psi compressive strength concrete riprap pavement on a sloped surface (steeper than 6:1 slope), for the sum of dollars andcents per square yard.
347.0600	SY	RIP-RAP 6" 3000 PSI CONSTRUCT	Construct 6 inch thick reinforced 3000 psi compressive strength concrete riprap pavement on a sloped surface (steeper than 6:1 slope), for the sum of dollars andcents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
348.0010	SY	BRICK PAVER REMOVE & REPLACE	Remove and replace brick paver according to the plans for the sum of dollars and cents per square yard.
349.0000	LF		Construct LONGITUDINAL BUTT JOINT according to the plans for the sum of dollars and cents per linear foot
351.0400	SY	MEDIAN PVMT 4" CLASS A CONSTRUCT	Construct 4 inch reinforced, Class A concrete median paving all according to the plans, specifications and details for the sum of dollars and cents per square yard.
353.0000	LF		Furnish and install portable concrete median barrier including removal at end of project per TxDOT detail and all incidentals necessary for the sum of dollars and cents per linear foot.
353.0020	LF	MEDIAN BARRIER PORTABLE CONCRETE RESET	Reset portable concrete median barrier including all incidentals necessary according to the plans for the sum of cents per linear foot.
354.0000	SY	MEDIAN NOSE CLASS C CONSTRUCT	Construct CLASS C reinforced concrete monolithic median nose, in which the nominal street thickness is 8" at designated locations, for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
356.0000	SY	BRICK PAVER CROSSWALK FURNISH & INSTALL	Furnish and Install brick paver crosswalk according to the plans for the sum of dollars and cents per square yard.
357.0000	SY	BRICK PAVER SIDEWALK/ MEDIAN FURNISH & INSTALL	Furnish and Install brick paver sidewalk/median according to the plans for the sum of dollars and dollars and cents per square yard.
359.0000	CY	STREET, CURB & GUTTER, DRIVEWAY, OR ALLEY PAVING 6000 PSI CLASS 'C' PROVIDE	Provide 6000 PSI concrete in lieu of the specified Class 'C' concrete for street, curb and gutter, driveway. Or alley paving for the summ of dollars and cents per cubic yard.
360.1800	LF	CURB & GUTTER 18" CLASS A CONSTRUCT	Construct 18 inch Class A reinforced concrete curb and gutter all according to the plans, specifications and details for the sum of dollars and cents per square yard.
360.2400	LF	CURB & GUTTER 24" CLASS A CONSTRUCT	Construct 24 inch reinforced class A concrete curb and gutter all according to the plans, specifications and details for the sum of dollars and cents per square yard.
360.3000	LF	CURB & GUTTER 30" CLASS A CONSTRUCT	Construct 30 inch Class A reinforced concrete curb and gutter all according to the plans, specifications and details for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
361.0000	LF	CURB VARIABLE HEIGHT INTEGRAL ON SIDEWALK, ALLEY, CHANNEL CONSTRUCT	Construct variable height integral curb on sidewalk, alley, or channel paving section all according to the plans, specifications and details for the sum of dollars and cents per linear foot.
361.0600	LF	CURB 6" INTEGRAL ON SIDEWALK, ALLEY, CHANNEL CONSTRUCT	Construct 6" integral curb on sidewalk, alley, or channel paving section all according to the plans, specifications and details for the sum of dollars and cents per linear foot.
362.0600	LF	CURB RIBBON 6" 3000 PSI CONSTRUCT	Construct 6 inch 3000 PSI reinforced concrete ribbon curb all according to the plans, specifications and details for the sum of dollars and cents per linear foot.
362.0900	LF	CURB 9" RIBBON 3000 PSI CONSTRUCT	Construct 9 inch 3000 PSI reinforced concrete ribbon curb all according to the plans, specifications and details complete and in place for the sum of dollars and cents per linear foot.
362.1200	LF	CURB RIBBON 12" 3000 PSI CONSTRUCT	Construct 12 inch 3000 PSI reinforced concrete ribbon curb all according to the plans, specifications and details for the sum of dollars and cents per linear foot.
363.0000	LF	CURB TYPE II TxDOT CONSTRUCT	Construct Type II TxDOT Class A concrete curb, all according to the plans, specifications and details, for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
363.1800	LF	CURB 18" TYPE II TXDOT CONSTRUCT	Construct eighteen inch (18") doweled Type II TxDOT Class A concrete curb, all according to the plans, specifications and details, for the sum of dollars and cents per linear foot.
363.2400	LF	CURB 24" TYPE II TxDOT CONSTRUCT	Construct twenty- four inch (24") doweled Type II TxDOT Class A concrete curb, all according to the plans, specifications and details, for the sum of dollars and cents per linear foot.
364.1800	LF	CURB 18" INTEGRAL CLASS A CONSTRUCT	Construct integral Class A reinforced concrete mountable curb all according to the plans, specifications and details for the sum of dollars and cents per linear foot.
364.2400	LF	CURB 24" INTEGRAL CLASS A CONSTRUCT	Construct integral Class A reinforced concrete mountable curb all according to the plans, specifications and details for the sum of dollars and cents per linear foot.
365.0600	LF	6" ASPHALT ROLL CURB CONSTRUCT	For constructing 6" asphaltic concrete roll curb complete and in place all according to the plans, specifications and details for the sum of dollars and cents per linear foot.
366.1800	LF	CURB & GUTTER 18" CLASS C CONSTRUCT	Construct 18 inch reinforced class C concrete curb and gutter all according to the plans, specifications and details for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
366.2400	LF	CURB & GUTTER 24" CLASS C CONSTRUCT	Construct 24 inch reinforced class C concrete curb and gutter all according to the plans, specifications and details for the sum of dollars and cents per square yard.
368.0600	LF	CURB 6" DOWELED ON ALLEY - CONSTRUCT	Construct 6 inch doweled curb on alley all according to the plans, specifications and details for the sum of dollars and cents per linear foot.
370.0000	SY	STREET CUT PAVING CONCRETE - CLASS C CONSTRUCT	Construct Class C reinforced concrete street cut paving for all utility lines/storm sewer/construction that crosses or parallels existing streets or roadway according to plan for the sum of dollars and cents per square yard.
370.1000	SY	STREET CUT PAVING CONCRETE - CLASS C W/ ASPHALT OVERLAY CONSTRUCT	Construct Class C reinforced concrete street cut paving w/ asphalt overlay for all utility lines that crosses or parallels existing streets or roadways according to plan for the sum of dollars and cents per square yard.
373.0000	LF	SAW CUT SLURRY	For continuously vacuuming saw cut slurry as reuired by the specificatios for the sum of dollars and cents per linear foot.
374.0600	LF	CURB 6" 3600 PSI OR CLASS C DOWELED ON EXISTING ALLEY - CONSTRUCT	Construct 6 inch 3600 PSI or CLASS C doweled curb on alley all according to the plans, specifications and details for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
380.0000	EA	ACCESS RAMP CURB INSTALL	For installing a sidewalk curb access ramp, including all incidentals necessary according to the plans for the sum of dollars and cents each.
380.0610	EA	ACCESS RAMP CURB 6" CASE I CONSTRUCT	For construction of 6" thick sidewalk curb access ramp CASE I, including curb, gutter all incidentals necessary according to the plans for the sum of dollars and cents each.
380.0620	EA	ACCESS RAMP CURB 6" CASE II CONSTRUCT	For construction of 6" thick sidewalk curb access ramp CASE II, including curb, gutter all incidentals necessary according to the plans for the sum of dollars and cents each.
380.0630	EA	ACCESS RAMP CURB 6" CASE III CONSTRUCT	For construction of 6" thick sidewalk curb access ramp CASE III, including curb, gutter all incidentals necessary according to the plans for the sum of dollars and cents each.
380.0640	EA	ACCESS RAMP CURB 6" CASE IV CONSTRUCT	For construction of 6" thick sidewalk curb access ramp CASE IV, including curb, gutter all incidentals necessary according to the plans for the sum of dollars and cents each.
380.0650	EA	ACCESS RAMP CURB 6" CASE V CONSTRUCT	For construction of 6" thick sidewalk curb access ramp CASE V, including curb, gutter all incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
380.0660	EA	ACCESS RAMP CURB 6" CASE VI CONSTRUCT	For construction of 6" thick sidewalk curb access ramp CASE VI, including curb, gutter all incidentals necessary according to the plans for the sum of dollars and cents each.
381.0000	SY	ACCESS RAMP ADA INSTALL	Construct concrete ADA access sidewalk ramp as shown on the plans and specifications complete and in place for the sum of dollars and cents per square yard.
382.0000	SY	ACCESS RAMP ADA INCLUDING LAMBERT COLOR HARDENER INSTALL	Construct reinforced concrete ADA access sidewalk ramp including Lambert Color Hardener, color 219-1096, Super Iron Black or equal as shown on the plans and specifications complete and in place for the sum of dollars and cents per square yard.
383.0000	SY	CONCRETE BARRIER FREE RAMP INSTALL	For installing concrete barrier free ramp, including all incidentals necessary according to the plans for the sum of dollars and square yard.
384.0000	EA	PRE-CAST TRUNCATED DOMED PANELS	For installation of pre-cast truncated domed panels for sidewalk curb access ramps, including transport from the City of Garland Warehouse, for the sum of cents each.
386.0000	LF	RAILROAD HEADER CONSTRUCT	Construct 650 PSI flexural strength reinforced concrete railroad header all according to the plans, specifications and details for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
388.0000	LF	STREET HEADER, CLASS C, CONSTRUCT	Construct Class C reinforced concrete street header all according to the plans, specifications and details for the sum of dollars and cents per linear foot.
389.0000	SY	COLOR CONCRETE	For application of color concrete for the sum of dollars and cents per square yard.
390.0000	SY	COLOR HARDENER	For application of Lambert Color Hardener, color 219-1096, Super Iron Black or equal to the full width and depth of paving at the manufacturers rate of 1.35 pounds of color hardener for the sum of dollars and cents per square yard.
390.1000	SY	COLOR HARDENER FOR CONCRETE PAVING	Color hardener for enhanced concrete street or driveway paving for the sum of dollars and cents per square yard.
390.2000	SY	STAMPED COLOR FOR CONCRETE PAVING	Stamped/ colored finish for enhanced concrete street or driveway paving for the sum of dollars and cents per square yard.
390.3000	SY	STAMPED COLOR FOR CONCRETE MEDIAN PAVING	Stamped/ colored finish for enhanced concrete median paving for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
390.4100	SY	STAMPED & STAINED CONCRETE (TYPE 1)	Furnish and Install Stamped and Stained Concrete (Type 1), including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents per square yard.
390.4200	SY	STAMPED & STAINED CONCRETE (TYPE 2)	Furnish and Install Stamped and Stained Concrete (Type 2), including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents per square yard.
390.5000	SY	COLOR HARDENER FOR MEDIAN	Color hardener for enhanced concrete median paving for the sum of dollars and cents per square yard.
399.0100	EA	PRECAST CONCRETE WHEEL STOPS 7 FOOT FURNISH & INSTALL	Furnish and install 7 foot precast concrete wheel stops including anchorage and all incidentals nessary to complete in place all acording to the plans for the sum of dollars and cents each.
400.0100	LF	WATER 2-1/2" DR-18 PVC FURNISH & INSTALL	Furnish and install 1" DR-18 PVC Class 150 water pipe including all incidentals according to the plans for the sum of dollars andcents per linear foot.
400.0250	LF	WATER 2-1/2" DR-18 PVC FURNISH & INSTALL	Furnish and install 2-1/2" DR-18 PVC Class 150 water pipe including all incidentals according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
400.0400	LF	WATER 4" DR-18 PVC FURNISH & INSTALL	Furnish and install 4" DR-18 PVC Class 150 water pipe including all incidentals according to the plans for the sum of dollars and cents per linear foot.
400.0600	LF	WATER 6" DR-18 PVC FURNISH & INSTALL	Furnish and install 6 inch DR-18 PVC Class 150 water pipe including all incidentals necessary to complete according to the plans for the sum of dollars and cents per linear foot.
400.0800	LF	WATER 8" DR-18 PVC FURNISH & INSTALL	Furnish and install 8 inch DR-18 PVC Class 150 water pipe including all incidentals necessary to complete according to the plans for the sum of dollars and cents per linear foot.
400.1000	LF	WATER 10" DR-18 PVC FURNISH & INSTALL	Furnish and install 10 inch DR-18 PVC Class 150 water pipe including all incidentals necessary to complete according to the plans for the sum of dollars and cents per linear foot.
400.1200	LF	WATER 12" DR-18 PVC FURNISH & INSTALL	Furnish and install 12 inch DR-18 PVC Class 150 water pipe including all incidentals necessary to complete according to the plans for the sum of dollars and cents per linear foot.
400.1220	LF	WATER 12" DR-18 PVC RELOCATE	Relocate 12 inch DR-18 PVC Class 150 water pipe including all incidentals necessary to complete according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
400.2410	LF		Furnish and install 24" AWWA C905 DR-18 PVC water pipe including all incidentals necessary to complete according to the plans for the sum of dollars and cents per linear foot.
401.0600	LF	WATER 6" A.D.S.PIPE FURNISH & INSTALL	Furnish and install 6 inch A.D.S. water pipe including all incidentals necessary to complete according to the plans for the sum of dollars and cents per linear foot.
401.0800	LF		Furnish and install 8 inch AWWA C900 DR-25 PVC water pipe including all incidentals necessary to complete according to the plans for the sum of dollars and cents per linear foot.
401.1200	LF	WATER 12" A.D.S. PIPE FURNISH & INSTALL	Furnish and install 12 inch A.D.S. water pipe including all incidentals necessary to complete according to the plans for the sum of dollars and cents per linear foot.
401.1800	LF	WATER 18" AWWA C905 DR- 25 PVC FURNISH AND INSTALL	Furnish and install 18 inch AWWA C905 DR-25 PVC water pipe including all incidentals necessary to complete according to the plans for the sum of dollars and cents per linear foot.
401.2400	LF		Furnish and install 24 inch AWWA C905 DR-25 PVC water pipe including all incidentals necessary to complete according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
402.0400	LF	WATER 4" DI FURNISH & INSTALL	Furnish and install 4 inch class 51 polywrap 250 PSI ductile iron water pipe including all incidentals necessary to complete according to the plans for the sum of dollars and cents per linear foot.
402.0600	LF	WATER 6" DI FURNISH & INSTALL	Furnish and install 6 inch class 51 polywrap 250 PSI ductile iron water pipe including all incidentals necessary to complete according to the plans for the sum of dollars and cents per linear foot.
402.0800	LF	WATER 8" DI FURNISH & INSTALL	Furnish and install 8 inch class 51 polywrap 250 PSI ductile iron water pipe including all incidentals necessary to complete according to the plans for the sum of dollars and cents per linear foot.
402.1200	LF	WATER 12" DI FURNISH & INSTALL	Furnish and install 12 inch class 51 polywrap 250 PSI ductile iron water pipe including all incidentals necessary to complete according to the plans for the sum of dollars and cents per linear foot.
403.1600	LF	WATER 16" P-303 RCCP FURNISH & INSTALL	Furnish and install 16 inch reinforced concrete cylinder water pipe AWWA P-303 in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
403.1610	EA	WATER 16" RCCP CLOSURE FURNISH & INSTALL	Furnish and install 16 inch reinforced concrete cylinder water pipe closure section for water main including all incidentals necessary according to the plans for the sum of dollars and cents per each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
403.1620	LF	WATER 16" RCCP AWWA C- 303 FURNISH & INSTALL	Furnish and install 16 inch reinforced concrete cylinder water pipe AWWA C-303 in variable depth trench, including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
403.2400	LF	WATER 24" P-303 RCCP FURNISH & INSTALL	Furnish and install 24 inch reinforced concrete cylinder water pipe AWWA P-303 in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
403.2410	EA	WATER 24" RCCP CLOSURE FURNISH & INSTALL	Furnish and install 24 inch reinforced concrete cylinder water pipe closure section for water main including all incidentals necessary according to the plans for the sum of dollars and cents per each.
403.3000	LF	WATER 30" P-301 RCCP FURNISH & INSTALL	Furnish and install 30 inch reinforced concrete cylinder water pipe AWWA P-301 in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
403.3010	LF	WATER 30" P-303 RCCP FURNISH & INSTALL	Furnish and install 30 inch reinforced concrete cylinder water pipe AWWA P-303 in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
403.3020	LF	WATER 30" RCCP AWWA C- 303 FURNISH & INSTALL	Furnish and install 30 inch reinforced concrete cylinder water pipe AWWA C-303 in variable depth trench, including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
403.3600	LF	WATER 36" P-301 RCCP FURNISH & INSTALL	Furnish and install 36 inch reinforced concrete cylinder water pipe AWWA P-301 in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
403.3610	LF	WATER 36" P-303 RCCP FURNISH & INSTALL	Furnish and install 36 inch reinforced concrete cylinder water pipe AWWA P-303 in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
403.3620	LF	WATER 36" RCCP AWWA C- 303 FURNISH & INSTALL	Furnish and install 36 inch reinforced concrete cylinder water pipe AWWA C-303 in variable depth trench, including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
403.4200	LF	WATER 42" P-301 RCCP FURNISH & INSTALL	Furnish and install 42 inch reinforced concrete cylinder water pipe AWWA P-301 in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
404.1600	EA	WATER 16" RCCP JOINT WELDING	Joint welding for thrust restraint for existing 16-inch RCCP water main including all incidentals necessary according to the plans for the sum of dollars and cents each.
404.3000	EA	WATER 30" RCCP JOINT WELDING	Joint welding for thrust restraint for existing 30-inch RCCP water main including all incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
404.3600	EA	WATER 36" RCCP JOINT WELDING	Joint welding for thrust restraint for existing 36-inch RCCP water main including all incidentals necessary according to the plans for the sum of dollars and cents each.
404.4200	EA	WATER 42" RCCP JOINT WELDING	Joint welding for thrust restraint for existing 42-inch RCCP water main including all incidentals necessary according to the plans for the sum of dollars and cents each.
405.0000	TN	DUCTILE IRON FITTINGS FURNISH & INSTALL	Furnish and install 350 PSI cement lined poly-wrapped ductile iron fittings with restraining glands for water mains and all other incidentals necessary for the sum of dollars and cents per ton.
406.0200	EA	CUT AND PLUG 2" WATER LINE	Cut and plug all 2" water pipe in variable depth trench including open cut street backfill and all other incidentals necessary according to the plan for the sum of dollars and cents each.
406.0400	EA	CUT AND PLUG 4" WATER LINE	Cut and plug all 4" water pipe in variable depth trench including open cut street backfill and all other incidentals necessary according to the plan for the sum of dollars and cents each.
406.0600	EA	CUT AND PLUG 6" WATER LINE	Cut and plug all 6" water pipe in variable depth trench including open cut street backfill and all other incidentals necessary according to the plan for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
406.0800	EA	CUT AND PLUG 8" WATER LINE	Cut and plug all 8" water pipe in variable depth trench including open cut street backfill and all other incidentals necessary according to the plan for the sum of dollars and cents each.
406.1000	EA	CUT AND PLUG 10" WATER LINE	Cut and plug all 10" water pipe in variable depth trench including open cut street backfill and all other incidentals necessary according to the plan for the sum of dollars and cents each.
406.1200	EA	CUT AND PLUG 12" WATER LINE	Cut and plug all 12" water pipe in variable depth trench including open cut street backfill and all other incidentals necessary according to the plan for the sum of dollars and cents each.
406.1600	EA	CUT AND PLUG 16" WATER LINE	Cut and plug all 16" water pipe in variable depth trench including open cut street backfill and all other incidentals necessary according to the plan for the sum of dollars and cents each.
407.0800	EA	REPAIR OF DAMAGED RCCP WATER PIPE UP TO 8" DIA PUNCTURE TYPE HOLE	Repair puncture type hole (up to 8 inch diameter) in RCCP water pipe for the sum of dollars and cents each.
407.1600	EA	REPAIR 16" RCCP TOP WATER PIPE	Repair 16" RCCP water top including all incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
407.2400	EA	REPAIR 24" RCCP TOP WATER PIPE	Repair 24" RCCP water top including all incidentals necessary according to the plans for the sum of dollars and cents each.
408.0090	EA	PVC OR CAST IRON WATER PIPE REPAIR	Repair damage in PVC or cast iron water pipe and all other incidentals necessary to complete according to the specifications and details for the sum of dollars and cents per each.
409.0600	LF	WATER 6" CERTA-LOK/RJ FURNISH & INSTALL	Furnish and install 6 inch Certa-Lok/RJ water pipe by directional drill including all incidentals necessary to complete according to the plans for the sum of dollars and cents per linear foot.
409.0800	LF	WATER 8" CERTA-LOK/RJ FURNISH & INSTALL	Furnish and install 8 inch Certa-Lok/RJ water pipe by directional drill including all incidentals necessary to complete according to the plans for the sum of dollars and cents per linear foot.
410.0200	EA	GATE VALVE 2" FURNISH & INSTALL	Furnish and install 2" Gate Valve including box, stack and concrete pad (where called for) all according to the plans, specifications and details for the sum of dollars and cents each.
410.0400	EA	GATE VALVE 4" FURNISH & INSTALL	Furnish and install 4" gate valve including box, stack and concrete pad (where called for), and all incidentals according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
410.0600	DEA	GATE VALVE 6" FURNISH & INSTALL	Furnish and install 6 inch gate valve including box, stack and concrete pad (where called for) and all other incidentals necessary to complete according to the plans for the sum of dollars and cents each.
410.0610	EA	GATE VALVE 6" REMOVE & REPLACE	Remove and replace 6 inch gate valve and all other incidentals necessary to complete according to the specifications and details for the sum of dollars and cents per each.
410.0800)EA	GATE VALVE 8" FURNISH & INSTALL	Furnish and install 8 inch gate valve including box, stack and concrete pad (where called for) and all other incidentals necessary to complete according to the plans for the sum of dollars and cents each.
410.0810	EA	GATE VALVE 8" REMOVE & REPLACE	Remove and replace 8 inch gate valve and all other incidentals necessary to complete according to the specifications and details for the sum of dollars and cents per each.
410.1010	EA	GATE VALVE 10" REMOVE & REPLACE	Remove and replace 10 inch gate valve and all other incidentals necessary to complete according to the specifications and details for the sum of dollars and cents per each.
410.1200	EA	GATE VALVE 12" FURNISH & INSTALL	Furnish and install 12 inch gate valve including box, stack and concrete pad (where called for) and all other incidentals necessary to complete according to the plans for the sum of dollar and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
410.1210	EA	GATE VALVE 12" REMOVE & REPLACE	Remove and replace 12 inch gate valve and all other incidentals necessary to complete according to the specifications and details for the sum of dollars and cents per each.
410.1600	EA	GATE VALVE 16" VERTICAL FURNISH & INSTALL	Furnish and install 16 inch vertical gate valve including box, stack, and concrete pad (where called for), and all incidentals according to the plans for the sum of dollars and cents each.
411.1600	EA	GATE VALVE W/MANHOLE 16" HORIZ FURNISH & INSTALL	Furnish and install 16 inch horizontal gate valve including by-pass and manhole and all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
411.2000	EA	GATE VALVE W/MANHOLE 20" HORIZ FURNISH & INSTALL	Furnish and install 20 inch horizontal gate valve including by-pass and manhole and all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
411.2400	EA	GATE VALVE W/MANHOLE 24" HORIZ FURNISH & INSTALL	Furnish and install 24 inch horizontal gate valve including by-pass and manhole and all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
411.3000	EA	GATE VALVE W/MANHOLE 30" HORIZ FURNISH & INSTALL	Furnish and install 30 inch horizontal gate valve including by-pass and manhole and all incidentals necessary to complete according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
411.3600	EA	GATE VALVE W/MANHOLE 36" HORIZ FURNISH & INSTALL	Furnish and install 36 inch horizontal gate valve including by-pass and manhole and all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
411.4200	EA	GATE VALVE W/MANHOLE 42" HORIZ FURNISH & INSTALL	Furnish and install 42 inch horizontal gate valve including by-pass and manhole and all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
412.0200	EA	AIR VALVE 2" FURNISH & INSTALL	Furnish and install 2 inch air valve including 2 inch copper pipe and vault and all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
412.0210	EA	AIR VALVE 2" REMOVE & REPLACE	Remove and replace 2 inch air valve including 2 inch copper pipe and vault and all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
413.0400	EA	BLOW OFF VALVE 4" FURNISH & INSTALL	Furnish and install 4 inch blow off valve including 4 inch ductile iron pipe and all incidentals necessary to complete according to the plans, for the sum of dollars and cents each.
413.0600	EA	BLOW OFF VALVE 6" FURNISH & INSTALL	Furnish and install 6 inch blow off valve including 4 inch ductile iron pipe and all incidentals necessary to complete according to the plans, for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
414.1600	EA	BUTTERFLY VALVE 16" VERTICAL FURNISH & INSTALL	Furnish and install 16 inch vertical butterfly valve including box, stack, and concrete pad (where called for), and all incidentals according to the plans for the sum of dollars and cents each.
414.2400	EA	BUTTERFLY VALVE 24" VERTICAL FURNISH & INSTALL	Furnish and install 24 inch vertical butterfly valve including box, stack, and concrete pad (where called for), and all incidentals according to the plans for the sum of dollars and cents each.
415.1600	EA	BUTTERFLY VALVE 16" HORIZONTAL FURNISH & INSTALL	Furnish and install 16 inch horizontal butterfly valve including box, stack, and concrete pad (where called for), and all incidentals according to the plans for the sum of dollars and cents each.
415.1610	EA	BUTTERFLY VALVE 16" HORIZONTAL REMOVE & REPLACE	Remove and replace 16 inch butterfly valve and all other incidentals necessary to complete according to the specifications and details for the sum of dollars and cents per each.
415.2400	EA	BUTTERFLY VALVE 24" HORIZONTAL FURNISH & INSTALL	Furnish and install 24 inch horizontal butterfly valve including box, stack, and concrete pad (where called for), and all incidentals according to the plans for the sum of dollars and cents each.
415.2410	EA	BUTTERFLY VALVE 24" HORIZONTAL REMOVE & REPLACE	Remove and replace 24 inch butterfly valve and all other incidentals necessary to complete according to the specifications and details for the sum of dollars and cents per each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
415.3000	ÞΕΑ	BUTTERFLY VALVE 30" HORIZONTAL FURNISH & INSTALL	Furnish and install 30 inch horizontal butterfly valve including box, stack, and concrete pad (where called for), and all incidentals according to the plans for the sum of dollars and cents each.
415.3010	EA	BUTTERFLY VALVE 30" HORIZONTAL REMOVE & REPLACE	Remove and replace 30 inch butterfly valve and all other incidentals necessary to complete according to the specifications and details for the sum of dollars and cents per each.
415.3600	EA	BUTTERFLY VALVE 36" HORIZONTAL FURNISH & INSTALL	Furnish and install 36 inch horizontal butterfly valve including box, stack, and concrete pad (where called for), and all incidentals according to the plans for the sum of dollars and cents each.
415.3610	EA	BUTTERFLY VALVE 36" HORIZONTAL REMOVE & REPLACE	Remove and replace 36 inch butterfly valve and all other incidentals necessary to complete according to the specifications and details for the sum of dollars and cents per each.
415.4200	EA	BUTTERFLY VALVE 42" HORIZONTAL FURNISH & INSTALL	Furnish and install 42 inch horizontal butterfly valve including box, stack, and concrete pad (where called for), and all incidentals according to the plans for the sum of dollars and cents each.
415.4210	EA	BUTTERFLY VALVE 42" HORIZONTAL REMOVE & REPLACE	Remove and replace 42 inch butterfly valve and all other incidentals necessary to complete according to the specifications and details for the sum of dollars and cents per each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
416.0000	EA	GATE VALVE" CUT- IN VERTICAL FURNISH & INSTALL	Furnish and install" mechanical joint vertical gate valve on existing line including all incidentals necessary for the sum of dollars and cents each.
416.0600	EA	GATE VALVE 6" CUT-IN VERTICAL FURNISH & INSTALL	Furnish and install 6" mechanical joint gate valve on existing line including sawing existing pipe, M.J. solid sleeve, additional pipe as necessary and all incidentals necessary for the sum of dollars and cents each.
416.0800	EA	GATE VALVE 8" CUT-IN VERTICAL FURNISH & INSTALL	Furnish and install 8" mechanical joint gate valve on exisitng line including sawing existing pipe, M.J. solid sleeve, additional pipe as necessary and all incidentals necessary for the sum of dollars and cents each.
416.1000	EA	GATE VALVE 10" CUT-IN VERTICAL FURNISH & INSTALL	Furnish and install 10" mechanical joint gate valve on exisiting line including sawing existing pipe, M.J. solid sleeve, additional pipe as necessary and all incidentals necessary for the sum of dollars and cents each.
416.1200	EA	GATE VALVE 12" CUT-IN VERTICAL FURNISH & INSTALL	Furnish and install 12" mechanical joint gate valve on exisiting line including sawing existing pipe, M.J. solid sleeve, additional pipe as necessary and all incidentals necessary for the sum of dollars and cents each.
417.0000	EA	GATE VALVE W/MH" CUT- IN HORIZONTAL FURNISH & INSTALL	Furnish and install" horizontal flanged gate valve on existing" RCCP water including all incidentals according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
417.1600	EA	GATE VALVE W/MANHOLE 16" CUT-IN HORIZ FURNISH & INSTALL	Furnish and install 16 inch horizontal gate valve including by-pass and manhole and all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
417.1680	EA	16" CUT-IN HORIZ	Install 16" horizontal flanged gate valve furnished by City of Garland on existing 16" RCCP water including all incidentals according to the plans for the sum of dollars and cents each.
417.2080	EA	IN HORIZ FURNISHED BY	Install 20" horizontal flanged gate valve furnished by City of Garland on existing 24" RCCP water including all incidentals according to the plans for the sum of dollars and cents each.
418.0600	EA	FLAP VALVE 6" FURNISH & INSTALL	Furnish and install 6 inch flap valve including box, stack, and concrete pad (where called for), and all incidentals according to the plans for the sum of dollars and cents each.
419.0200	EA	BACKFLOW & CONTROL VALVE 2" W/ 15"x22" VALVE BOX REMOVE & REPLACE	Remove and replace 2" backflow & control valve with 15"x22" valve box including all incidentals necessary according to the plans for the sum of dollars and cents each.
419.1500		BACKFLOW & CONTROL VALVE 1 1/2" W/ VALVE BOX FURNISH & INSTALL	Furnish and install 1 1/2" backflow & control valve with valve box including all incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
420.0610	LF	WATER SERVICE 5/8" TYPE "K" REMOVE & REPLACE	Remove and replace 5/8" Type 'K' water service including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
420.0700	LF	WATER SERVICE 3/4" TYPE "K" FURNISH & INSTALL	Furnish & install 3/4 inch type "K" water service including co-op and angle stop, connecting to existing meter, tapping saddle (PVC only) and all incidentals according to the plans for the sum of dollars and cents per linear foot.
420.0710	LF	WATER SERVICE 3/4" TYPE "K" REMOVE & REPLACE	Remove and replace 3/4" Type 'K' water service including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
420.0720	LF	WATER SERVICE 3/4" TYPE "K" RELOCATE	Relocate 3/4" Type 'K' water service from new meter location to existing service entrance including all connections required to meet applicable code and restrictions according to the plans for the sum of dollars and cents per linear foot.
420.1000	LF	WATER SERVICE 1" TYPE "K" FURNSH & INSTALL	Furnish and install 1 inch type "K" water service including co-op and angle stop, connecting to existing meter, tapping saddle (PVC only) and all incidentals according to the plans for the sum of dollars and cents per linear foot.
420.1001	LF	WATER SERVICE 1" TYPE "K" FURNSH & INSTALL	Furnish and install 1 inch type "K" water service including co-op and angle stop, connecting to existing meter, tapping saddle (PVC only) and all incidentals according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
420.1010	O LF	WATER SERVICE 1" TYPE "K" REMOVE & REPLACE	Remove and replace 1 inch type "K" water service including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
420.1500	O LF	WATER SERVICE 1-1/2" TYPE "K" FURNISH & INSTALL	Furnish & install 1-1/2 inch type "K" water service including co-op and angle stop, connecting to existing meter, tapping saddle (PVC only) and incidentals according to the plans for the sum of dollars and cents per linear foot.
420.1510	OLF	WATER SERVICE 1-1/2" TYPE "K" REMOVE & REPLACE	Remove and replace 1-1/2 inch type "K" water service including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
420.2000	OLF	WATER SERVICE 2" TYPE "K" FURNISH & INSTALL	Furnish and install 2 inch type "K" water service including co-op and angle stop, connecting to existing meter, tapping saddle (PVC only) and incidentals according to the plans for the sum of dollars and cents per linear foot.
420.200	1EA	TAPPING SADDLE (PVC MAIN), 2" ANGLE STOP, CO- OP & WATER METER BOX AT	Furnish and Install 2 inch type "K" water service, tapping saddle (PVC main), 2" angle stop, co-op and water meter box at 5 locations, by utility contractor, per Sheet L4.8, for irrigation system including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents per linear foot.
420.2010	OLF	WATER SERVICE 2" TYPE "K" REMOVE & REPLACE	Remove and replace 2" Type 'K' water service including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
420.3000	LF	WATER SERVICE 3" TYPE "K" FURNISH & INSTALL	Furnish and install 3 inch type "K" water service including co-op and angle stop, connecting to existing meter, tapping saddle (PVC only) and incidentals according to the plans for the sum of dollars and cents per linear foot.
420.4000	LF	WATER SERVICE 4" TYPE "K" FURNISH & INSTALL	Furnish and install 4 inch type "K" water service including co-op and angle stop, connecting to existing meter, tapping saddle (PVC only) and incidentals according to the plans for the sum of dollars and cents per linear foot.
421.0740	EA	WATER SERVICE 3/4" ON SIDE CONNECT	For connecting existing 3/4 inch on side copper water services including cutting pipe and furnishing new co-op at new main and all incidentals according to the plans for the sum ofdollars and cents each.
421.0790	EA	WATER SERVICE 3/4" ON SIDE REPAIR	Repair existing 3/4 inch on side copper water services including cutting pipe and furnishing new co-op at new main and all incidentals according to the plans for the sum of dollars and cents each.
421.1040	EA	WATER SERVICE 1" ON SIDE CONNECT	For connecting existing 1 inch on side copper water services including cutting pipe and furnishing new co-op at new main and all incidentals according to the plans for the sum of cents each.
421.1090	EA	WATER SERVICE 1" ON SIDE REPAIR	Repair existing 1 inch on side copper water services including cutting pipe and furnishing new co-op at new main and all incidentals according to the plans for the sum ofdollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
421.1590	EA	WATER SERVICE 1-1/2" ON SIDE REPAIR	Repair existing 1-1/2 inch on side copper water services including cutting pipe and furnishing new co-op at new main and all incidentals according to the plans for the sum ofdollars and cents each.
421.2040	LF	WATER SERVICE 2" ON SIDE CONNECT	For connecting existing 2 inch on side copper water services including cutting pipe and furnishing new co-op at new main and all incidentals according to the plans for the sum of cents each.
421.2090	LF	WATER SERVICE 2" ON SIDE REPAIR	Repair existing 2 inch on side copper water services including cutting pipe and furnishing new co-op at new main and all incidentals according to the plans for the sum of cents each.
422.0740	EA	WATER SERVICE 3/4" OFF SIDE CONNECT	For connecting existing 3/4 inch off side water services including cutting pipe and furnishing new co-op at main and all incidentals according to the plans for the sum of dollars and cents each.
422.1040	EA	WATER SERVICE 1" OFF SIDE CONNECT	For connecting existing 1 inch off side water services including cutting pipe and furnishing new co-op at main and all incidentals according to the plans for the sum of dollars and cents each.
422.1540	EA	WATER SERVICE 1-1/2" OFF SIDE CONNECT	For connecting existing 1-1/2 inch off side water services including cutting pipe and furnishing new co-op at new main complete and in place for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
422.2040	LF	WATER SERVICE 2" OFF SIDE CONNECT	For connecting existing 2 inch off side water services including cutting pipe and furnishing new co-op at main and all incidentals according to the plans for the sum of dollars and cents each.
423.0700	EA	WATER SERVICE 3/4" REMOVE & RELOCATE	Remove, temporarily relocate outside of work zone area, and permanently relocate back to original location the existing 3/4 inch copper water services including cutting pipe and furnishing new co-op at new main, reusing existing water meter, and installing new water meter box and all incidentals according to the plans for the sum of cents each.
424.0750	EA	3/4" BULLHEAD WATER SERVICE ASSEMBLY REMOVE & REPLACE	Remove and replace existing 3/4" bullhead water service assembly including all incidentals according to the plans, specifications, and details, for the sum of dollars and dollars and cents each.
425.0010	EA	WATER METER BOX REMOVE & REPLACE	Remove and replace existing water meter box to conform to proposed grades according to the specifications and details for the sum of dollars and cents each.
425.0020	EA	WATER METER BOX REMOVE & RELOCATE	For removing and relocating existing water meters and boxes of various sizes and all incidentals necessary according to the plans for the sum of dollars and cents each.
425.0030	EA	WATER METER BOX ADJUST	Adjusting the elevation of existing water meter box to conform to proposed grades according to the specifications and details for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
425.1000	EA	WATER METER BOX NO 85 FURNISH & INSTALL	Furnish and install No. 85 water meter box for 5/8 inch or 3/4 inch service and all incidentals necessary according to the plans for the sum of dollars and cents each.
425.1800	EA	WATER METER BOX 18" DIA FURNISH & INSTALL	Furnish and install 18 inch dia water meter box for 5/8 inch or 3/4 inch service and all incidentals necessary according to the plans for the sum of dollars and cents each.
425.2000	EA	WATER METER BOX NO 359 FURNISH & INSTALL	Furnish and install No. 359 water meter box for 1 inch service and all incidentals necessary according to the plans for the sum of dollars and cents each.
425.2400	EA	WATER METER BOX 24" DIA FURNISH & INSTALL	Furnish and install 24 inch dia water meter box for 1 inch or 1 1/2 inch service and all incidentals necessary according to the plans for the sum of dollars and cents each.
425.2800	EA	WATER METER BOX 28" DIA FURNISH & INSTALL	Furnish and install 28 inch dia water meter box for 3 inch service and all incidentals necessary according to the plans for the sum of dollars and cents each.
425.3000	EA	WATER METER BOX NO 55 FURNISH & INSTALL	Furnish and install No. 55 water meter box for 11/2 inch or 2 inch service and all incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
426.1000	EA		Installation No. 55 water meter box furnished by City of Garland, and all incidentals according to the plans for the sum of dollars and cents each.
426.2000	EA	WATER METER BOX FURNISHED BY CITY INSTALL	Installation water meter box furnished by City of Garland, and all incidentals according to the plans for the sum of cents each.
426.3000	EA	WATER METER BOX DFW- 2818F	Furnish and install meter box with Part No. DFW-2818F for 2 inch service and all incidentals necessary according to the plans and standard detail for the sum of dollars and cents each.
427.3000	EA	WATER METER VAULT FURNISH & INSTALL	Furnish and install reinforced concrete water meter vault and all incidentals necessary according to the plans for the sum of dollars and cents each.
428.0000	EA	FIRE SPRINKLER VAULT REMOVE & REPLACE	Complete removal and disposal of existing fire sprinkler vault, and the replacing including reinforced concrete vault construction and all incidentals necessary for the sum of dollars and cents each.
429.0030	EA		Adjusting the elevation of existing valve boxes to conform to proposed grades according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
429.1030	ĒΑ	WATER VALVES ADJUST	For adjusting water valves to finish grade including all incidentals necessary to complete all according to the plans, specifications and details, for the sum of dollars and cents per each.
430.0000	EA	TAPPING" X" FURNISH & INSTALL	Furnish and install" x" tap valve and sleeve, and all incidentals necessary according to the plans for the sum of dollars and cents each.
430.0404	EA	TAP VALVE AND SLEEVE 4" X 4" FURNISH & INSTALL	Furnish and install 4" x 4" tap valve and sleeve and all incidentals necessary according to the plans for the sum of cents each.
430.0416	EA	TAP VALVE AND SLEEVE 4" X 16" FURNISH & INSTALL	Furnish and install 4" x 16" tap valve and sleeve and all incidentals necessary according to the plans for the sum of dollars and cents each.
430.0604	EA		Furnish and install 6" x 4" tap valve and sleeve, and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.0606	EA		Furnish and install 6" X 6" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents per each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
430.0608			Furnish and install 6" X 8" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.0610		TAP VALVE AND SLEEVE 6" X 10" FURNISH & INSTALL	Furnish and install 6" x 10" tap valve and sleeve and all other incidentals necessary to complete according to the specifications and details for the sum of dollars and cents each.
430.0612		12" FURNISH & INSTALL	Furnish and install 6" x 12" tap valve and sleeve and all other incidentals necessary to complete according to the specifications and details for the sum of dollars and cents each.
430.0616		TAP VALVE AND SLEEVE 6" X 16" FURNISH & INSTALL	Furnish and install 6" x 16" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents each.
430.0624		TAP VALVE AND SLEEVE 6" X 24" FURNISH & INSTALL	Furnish and install 6" x 24" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents each.
430.0630			Furnish and install 6" x 30" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
430.0636	EA	TAP VALVE AND SLEEVE 6" X 36" FURNISH & INSTALL	Furnish and install 6" x 36" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents each.
430.0642	EA	TAP VALVE AND SLEEVE 6" X 42" FURNISH & INSTALL	Furnish and install 6" x 42" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents each.
430.0801	EA	TAP VALVE AND SLEEVE 8" X 1" FURNISH & INSTALL	Furnish and install 8" x 1" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.0804	EA	TAP VALVE AND SLEEVE 8" X 4" FURNISH & INSTALL	Furnish and install 8" x 4" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.0806	EA	TAP VALVE AND SLEEVE 8" X 6" FURNISH & INSTALL	Furnish and install 8" x 6" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.0808	EA		Furnish and install 8" x 8" tap valve and sleeve, and all other incidentals necessary according to the plans for the sum of dollars and cents per each.

2/7/2014

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
430.0810	EA	TAP VALVE AND SLEEVE 8" X 10" FURNISH & INSTALL	Furnish and install 8" x 10" tap valve and sleeve, and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.0812	EA	TAP VALVE AND SLEEVE 8" X 12" FURNISH & INSTALL	Furnish and install 8" x 12" tap valve and sleeve, and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.0816	EA	TAP VALVE AND SLEEVE 8" X 16" FURNISH & INSTALL	Furnish and install 8" x 16" tap valve and sleeve, and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.0824	EA	TAP VALVE AND SLEEVE 8" X 24" FURNISH & INSTALL	Furnish and install 8" x 24" tap valve and sleeve, and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.0830	EA	TAP VALVE AND SLEEVE 8" X 30" FURNISH & INSTALL	Furnish and install 8" x 30" tap valve and sleeve, and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.0836	EA	TAP VALVE AND SLEEVE 8" X 36" FURNISH & INSTALL	Furnish and install 8" x 36" tap valve and sleeve, and all other incidentals necessary according to the plans for the sum of dollars and cents per each.

2/7/2014

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
430.0842	EA	TAP VALVE AND SLEEVE 8" X 42" FURNISH & INSTALL	Furnish and install 8" x 42" tap valve and sleeve, and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.1004	EA	TAP VALVE AND SLEEVE 10" X 4" FURNISH & INSTALL	Furnish and install 10" x 4" tap valve and sleeve, and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.1006	EA	TAP VALVE AND SLEEVE 10" X 6" FURNISH & INSTALL	Furnish and install 10" x 6" tap valve and sleeve, and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.1008	EA	TAP VALVE AND SLEEVE 10" X 8" FURNISH & INSTALL	Furnish and install 10" x 8" tap valve and sleeve, and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.1010	EA	TAP VALVE AND SLEEVE 10" X 10" FURNISH & INSTALL	Furnish and install 10" x 10" tap valve and sleeve, and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.1012	EA	TAP VALVE AND SLEEVE 10" X 12" FURNISH & INSTALL	Furnish and install 10" x 12" tap valve and sleeve, and all other incidentals necessary according to the plans for the sum of dollars and cents per each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
430.1206	EA	TAP VALVE AND SLEEVE 12" X 6" FURNISH & INSTALL	Furnish and install 12" x 6" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.1208	EA	TAP VALVE AND SLEEVE 12" X 8" FURNISH & INSTALL	Furnish and install 12" x 8" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.1210	EA	TAP VALVE AND SLEEVE 12" X 10" FURNISH & INSTALL	Furnish and install 12" x 10" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.1212	EA	TAP VALVE AND SLEEVE 12" X 12" FURNISH & INSTALL	Furnish and install 12" x 12" tap valve and sleeve, and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.1606	EA	TAP VALVE AND SLEEVE 16" X 6" FURNISH & INSTALL	Furnish and install 16" x 6" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.1608	EA	TAP VALVE AND SLEEVE 16" X 8" FURNISH & INSTALL	Furnish and install 16" x 8" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents per each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
430.1610	EA	TAP VALVE AND SLEEVE 16" X 10" FURNISH & INSTALL	Furnish and install 16" x 10" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
430.1612	EA	TAP VALVE AND SLEEVE 16"X12" FURNISH & INSTALL	Furnish and install 16" x 12" tap valve and sleeve, and all other incidentals necessary according to the plans for the sum of dollars and cents each.
430.2406	EA	TAP VALVE AND SLEEVE 24" X 6" FURNISH & INSTALL	Furnish and install 24" x 6" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents each.
430.2408	EA	TAP VALVE AND SLEEVE 24" X 8" FURNISH & INSTALL	Furnish and install 24" x 8" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents each.
430.2410	EA	TAP VALVE AND SLEEVE 24" X 10" FURNISH & INSTALL	Furnish and install 24" x 10" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents each.
430.2412	EA	TAP VALVE AND SLEEVE 24" X 12" FURNISH & INSTALL	Furnish and install 24" x 12" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
430.3006	EΑ	TAP VALVE AND SLEEVE 30" X 6" FURNISH & INSTALL	Furnish and install 30" x 6" tap valve and sleeve and all other incidentals necessary according to the plans for the sum of dollars and cents each.
430.3008	EA	TAP VALVE AND SLEEVE 30" X 8" FURNISH & INSTALL	Furnish and install 30" x 8" tap valve and sleeve, and all incidentals necessary according to the plans for the sum of dollars and cents each.
430.3010	EA	TAP VALVE AND SLEEVE 30" X 10" FURNISH & INSTALL	Furnish and install 30" x 10" tap valve and sleeve, and all incidentals necessary according to the plans for the sum of dollars and cents each.
430.3012	EA	TAP VALVE AND SLEEVE 30" X 12" FURNISH & INSTALL	Furnish and install 30" x 12" tap valve and sleeve, and all incidentals necessary according to the plans for the sum of dollars and cents each.
430.3624	EA	TAP VALVE AND SLEEVE 36" X 24" FURNISH & INSTALL	Furnish and install 36" x 24" tap valve and sleeve, and all incidentals necessary according to the plans for the sum of dollars and cents each.
430.4208	EA	TAP VALVE AND SLEEVE 42" X 8" FURNISH & INSTALL	Furnish and install 42" x 8" tap valve and sleeve, and all other incidentals necessary according to the plans for the sum of dollars and cents per each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
430.4236	EA	TAP VALVE AND SLEEVE 42" X 36" FURNISH & INSTALL	Furnish and install 42" x 36" tap valve and sleeve, and all other incidentals necessary according to the plans for the sum of dollars and cents per each.
431.0000	TON	CERTA-LOK FITTINGS FURNISH & INSTALL	Furnish and install Certa-Lok fittings, and all other incidentals necessary according to the plans for the sum of cents per ton.
432.0600	EA	CUT IN TEE 6" FURNISH & INSTALL	Furnish and install cut in tee 6", and all other incidentals necessary according to the plans for the sum of cents each.
432.1616	EA	CUT IN TEE 16"x16" RCCP FURNISH & INSTALL	Furnish and install cut in tee 16"x16" RCCP, and all other incidentals necessary according to the plans for the sum of dollars and cents each.
433.0606	EA	MJ TEE 6"x6"x6" WITH BLOCKING FURNISH & INSTALL	Furnish and install 6"x6"x6" MJ Tee with blocking, and all other incidentals necessary according to the plans for the sum of dollars and cents each.
434.0645	EA	BEND 45 DEGREE 6" WITH BLOCKING FURNISH & INSTALL	Furnish and install 6" 45 degree bend with blocking, and all other incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
435.0010	EA	MANHOLE COVER REMOVE & REPLACE	For removing existing manhole ring and cover and installing new city-supplied manhole ring and cover on manhole, including all incidentals necessary for the sum of dollars and cents each.
435.0011	EA	MANHOLE COVER "PAMREX" TYPE REMOVE & REPLACE	For removing existing manhole ring and cover and installing new "Pamrex" manhole ring and cover on manhole, including all incidentals necessary for the sum of dollars and cents each.
435.0030	EA	MANHOLE & VALVE ADJUST	For adjusting the elevation of existing horizontal valves with manholes to conform to proposed grades according to the plans for the sum of dollars and cents each.
435.0031	EA	ADJUST WATER MANHOLE RING & COVER W/ CONCRETE RINGS IN 2" INCREMENTS UP TO 18"	Adjust water manhole rings and covers with concrete rings in 2" increments up to 18" to conform to proposed grades according to the specifications and details for the sum of cents each.
435.0032	EA		Remove and replace water manhole cone for height adjustment to conform to proposed grades according to the specifications and details for the sum of dollars and cents each.
435.0433	VF	MANHOLE FOR	Add height to body of manhole for adjustment of 4 foot water manhole to conform to proposed grades according to the specifications and details for the sum of dollars and cents per vertical foot.

2/7/2014

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
435.0434	VF	REMOVE HEIGHT FROM BODY OF MANHOLE FOR ADJUSTMENT OF 4' WATER MANHOLE	Remove height to body of manhole for adjustment of 4 foot water manhole to conform to proposed grades according to the specifications and details for the sum of dollars and cents per vertical foot.
435.0533	VF	ADD HEIGHT TO BODY OF MANHOLE FOR ADJUSTMENT OF 5' WATER MANHOLE	Add height to body of manhole for adjustment of 5 foot water manhole to conform to proposed grades according to the specifications and details for the sum of dollars and cents per vertical foot.
435.0534	VF	REMOVE HEIGHT FROM BODY OF MANHOLE FOR ADJUSTMENT OF 5' WATER MANHOLE	Remove height to body of manhole for adjustment of 5 foot water manhole to conform to proposed grades according to the specifications and details for the sum of dollars and cents per vertical foot.
435.0633	VF	ADD HEIGHT TO BODY OF MANHOLE FOR ADJUSTMENT OF 6' WATER MANHOLE	Add height to body of manhole for adjustment of 6 foot water manhole to conform to proposed grades according to the specifications and details for the sum of dollars and cents per vertical foot.
435.0634	VF	REMOVE HEIGHT FROM BODY OF MANHOLE FOR ADJUSTMENT OF 6' WATER MANHOLE	Remove height to body of manhole for adjustment of 6 foot water manhole to conform to proposed grades according to the specifications and details for the sum of dollars and cents each.
436.1600	LF	WATER 16" DR-25 PVC FURNISH & INSTALL	Furnish and install 16" DR-25 PVC Class 165 water pipe, including all incidentals according to the plans for the sum of dollars and cents per linear foot.

2/7/2014

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
437.0750	EA	3/4" BULLHEAD WATER SERVICE ASSEMBLY FURNISH & INSTALL	Furnish and Install 3/4" bullhead water service assembly including all incidentals according to the plans, specifications, and details, for the sum of dollars and cents each.
438.0000	EA	SERVICE ON PRIVATE PROPERTY	Furnish and Install service on private property from new meter to house at existing connection for the sum of cents each.
438.0001	LF	SERVICE ON PRIVATE PROPERTY	Furnish and Install service on private property from new meter to house at existing connection for the sum of cents per linear foot.
440.0600	LF	WATER LOWING 6"	For lowering 6 inch cast or ductile iron, or PVC water main under existing/proposed structures or utilities and all incidentals necessary for the sum of dollars and cents per linear foot.
440.0800	LF	WATER LOWING 8"	For lowering 8 inch cast or ductile iron, or PVC water main under existing or proposed structures or utilities and all incidentals necessary for the sum of dollars and cents per linear foot.
440.1200	LF	WATER LOWING 12"	For lowering 12 inch cast or ductile iron, or PVC water main under existing or proposed structures or utilities and all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
440.1600	LF	WATER LOWING 16"	For lowering 16 inch reinforced concrete cylinder pipe water main under existing or proposed structures or utilities and all incidentals necessary for the sum of dollars and cents per linear foot.
440.2400	LF	WATER LOWING 24"	For lowering 24 inch reinforced concrete cylinder pipe water main under existing or proposed structures or utilities and all incidentals necessary for the sum of dollars and cents per linear foot.
445.0000	EA	FLUSH VALVE - FURNISH & INSTALL	Furnish and install flush valve including valve box and all incidentals according to the plans, specifications and details for the sum of dollars and cents each.
450.0000	EA	FIRE HYDRANT STANDARD FURNISH & INSTALL	Furnish and install standard City of Garland fire hydrant of variable depth bury and all other incidentals necessary to complete according to the plans for the sum of dollars and cents per each.
450.0020	EA	FIRE HYDRANT REMOVE & RELOCATE	Excavate, remove and relocate existing fire hydrant and all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
470.1200	EA	WATER 12" A.D.S. DRAIN BASIN FURNISH & INSTALL	Furnish and install 12 inch A.D.S. drain basin including all incidentals necessary to complete according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
480.0000	LF	WATER SERVICE 3/4" PVC BY BORE & ENCASE FURNISH & INSTALL	Bore 3/4" PVC water service pipe including steel casing, all according to the plans for the sum of dollars and cents per linear foot.
480.0100	LF	WATER SERVICE 1" PVC BY BORE & ENCASE FURNISH & INSTALL	Bore 1" PVC water service pipe including steel casing, all according to the plans for the sum of dollars and cents per linear foot.
480.0600	LF	WATER 6" PVC BORE & ENCASE	Bore 6" PVC water pipe including steel casing, spacers and 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
480.0750	LF	WATER 3/4" PVC BORE & ENCASE	Bore 3/4" PVC water pipe including steel casing, spacers and 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
480.0800	LF	WATER 8" PVC BORE & ENCASE	Bore 8" PVC water pipe including steel casing, spacers and 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
480.1000	LF	WATER 1" PVC BORE & ENCASE	Bore 1" PVC water pipe including steel casing, spacers and 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
480.1200	LF	WATER 12" PVC BORE & ENCASE	Bore 12" PVC water pipe including steel casing, spacers and 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
480.1600	LF	WATER 16" PVC BORE & ENCASE	Bore 16" pipe including 24" diameter , 3/8" wall steel casing pipe with 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
480.1800	LF	WATER 18" PVC BORE & ENCASE	Bore 18" pipe including 27" diameter , 7/16" wall steel casing pipe with 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
480.2400	LF	WATER 24" PVC BORE & ENCASE	Bore 24" pipe including 36" diameter , 1/2" wall steel casing pipe with 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
480.3600	LF	WATER 36" PVC BORE & ENCASE	Bore 36" pipe including 36" diameter , 1/2" wall steel casing pipe with 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
481.1600	LF	WATER 16" RCCP BORE & ENCASE	Bore 16" RCCP water including steel casing pipe with 2000 PSI plugging all according to the plans for the sum of cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
481.3000	LF	WATER 30" RCCP B-303 BORE & ENCASE	Bore B-303 30" RCCP water including 60" diameter steel casing pipe with and all incidentals necessary to complete in place, all according to the plans for the sum of dollars and cents per linear foot.
481.3600	LF	WATER 36" RCCP B-303 BORE & ENCASE	Bore B-303 36" RCCP water including 60" diameter steel casing pipe with and all incidentals necessary to complete in place, all according to the plans for the sum of dollars and cents per linear foot.
483.3600	LF	WATER 36" PVC BORE & ENCASE	Bore and encase 36" RCCP (AWWA C-303) pipe including steel casing, spacers, concrete plugging and all incidentals according to the plans and specifications for the sum of dollars and cents per linear foot.
484.2400	LF	WATER 24" RCCP OPEN CUT TRENCH & INSTALL	Open cut trench and install 24 inch reinforced concrete cylinder water pipe AWWA P-303 pipe including steel casing pipe, spacers and 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
485.0000	LF	ENCASEMENT" PIPE (OPEN-CUT) INSTALL	Install new" dia" thickness smooth steel encasement pipe by open cut water pipe including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
485.0600	LF	WATER 6" PVC OPEN CUT & ENCASE	Open cut trench and install 6" PVC pipe including steel casing pipe, spacers and 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
485.0800	LF		Open cut trench and install 8" PVC pipe including steel casing pipe, spacers and 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
485.1200	LF	WATER 12" PVC OPEN CUT & ENCASE	Open cut trench and install 12" PVC pipe including steel casing pipe, spacers and 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
485.2410	LF	WATER 24" PVC INCLUDING 36", 1/2" WALL STEEL CASING PIPE W/ 2000 PSI PLUGGING FURNISH & INSTALL	Furnish and install by open cut 24" PVC pipe including 36" diameter, 1/2" wall steel casing pipe with 2000 PSI plugging and including all incidental necessary for the sum of dollars and cents per linear foot.
485.3600	LF	WATER 36" PVC OPEN CUT & ENCASE	Open cut trench and install 36" PVC pipe including steel casing pipe, spacers and 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
486.2400	LF	WATER 24" AWWA DI PR CLASS 250 FURNISH & INSTALL	Furnish and install 24 inch AWWA DI PR Class 250 water pipe with restrained joints (open cut) including all incidentals necessary for the sum of dollars and cents per linear foot.
486.2401	LF	WATER 24" AWWA DI PR CLASS 250 FURNISH & INSTALL AERIAL CROSSING	Furnish and install 24 inch AWWA DI PR Class 250 water pipe with restrained joints (Aet) including all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
489.0000	CY	CONC CAP 2000 PSI FURNISH & INSTALL	Furnish and install 2000 PSI concrete cap for water mains at the locations shown according to the plans, specifications and details for the sum of dollars and cents per cubic yard.
489.1000	LF	CONC CAP 2000 PSI FURNISH & INSTALL	Furnish and install 2000 PSI concrete cap for water mains at the locations shown according to the plans, specifications and details for the sum of dollars and cents per linear foot.
490.0000	CY	CONC ENCASEMENT 2000 PSI FURNISH & INSTALL	Furnish and install 2000 PSI concrete encasement for water mains at the locations shown according to the plans, specifications and details for the sum of dollars and cents per cubic yard.
492.0000	LF	WATER" SPLIT ENCASEMENT	Split encasement for existing" water including 2000 PSI plugging according to the plans for the sum of dollars and cents per linear foot.
492.0800	LF	SPLIT ENCASEMENT PIPE FOR EXISTING 8" WATER	Split encasement for existing 8" water including 2000 PSI plugging according to the plans for the sum of dollars and cents per linear foot.
492.1200	LF	SPLIT ENCASEMENT PIPE FOR EXISTING 12" WATER	Split encasement for existing 12" water including 2000 PSI plugging according to the plans for the sum of dollars and cents per linear foot.

2/7/2014

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
492.2400	LF	SPLIT ENCASEMENT PIPE FOR EXISTING 24" WATER	Split encasement for existing 24" water including 2000 PSI plugging complete and in place for the sum of dollars and cents per linear foot.
492.3000	LF	SPLIT ENCASEMENT PIPE FOR EXISTING 30" WATER	Split encasement for existing 30" water including 2000 PSI plugging complete and in place all according to the plans for the sum of dollars and cents per linear foot.
493.0000	CY	CONC BLOCKING 2000 PSI FURNISH & INSTALL	Furnish and install 2000 PSI concrete blocking for water mains at the locations shown according to the plans for the sum of dollars and cents per cubic yard.
496.0000	LF	TRENCH SAFETY FURNISH & INSTALL	Furnish and install complete Trench Safety for water installations, (see "Special Notice to Contractors-Trench Safety") for the sum of dollars and cents per linear foot.
500.0400	LF	SANITARY SEWER 4" PVC SDR-26 FURNISH & INSTALL	Furnish and install 4 inch PVC SDR-26 sanitary sewer pipe in unclassified depth including all trenching, embedment, backfill and all incidentals necessary for the sum of dollars and cents per linear foot.
500.0600	LF	SANITARY SEWER 6" PVC SDR-26 FURNISH & INSTALL	Furnish and install 6 inch PVC SDR-26 sanitary sewer pipe in unclassified depth including all trenching, embedment, backfill and all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
500.0800	LF	SANITARY SEWER 8" PVC SDR-26 FURNISH & INSTALL	Furnish and install 8 inch PVC SDR-26 sanitary sewer pipe in unclassified depth including all trenching, embedment, backfill and all incidentals necessary for the sum of dollars and cents per linear foot.
500.1000	LF	SANITARY SEWER 10" PVC SDR-26 FURNISH & INSTALL	Furnish and install 10 inch PVC SDR-26 sanitary sewer pipe in unclassified depth including all trenching, embedment, backfill and all incidentals necessary for the sum of dollars and cents per linear foot.
500.1200	LF	SANITARY SEWER 12" PVC SDR-26 FURNISH & INSTALL	Furnish and install 12 inch PVC SDR-26 sanitary sewer pipe in unclassified depth including all trenching, embedment, backfill and all incidentals necessary for the sum of dollars and cents per linear foot.
500.1500	LF	SANITARY SEWER 15" PVC SDR-26 FURNISH & INSTALL	Furnish and install 15 inch PVC SDR-26 sanitary sewer pipe in unclassified depth including all trenching, embedment, backfill and all incidentals necessary for the sum of dollars and cents per linear foot.
500.1800	LF	SANITARY SEWER 18" PVC SDR-26 FURNISH & INSTALL	Furnish and install 18 inch PVC SDR-26 sanitary sewer pipe in unclassified depth including all trenching, embedment, backfill and all incidentals necessary for the sum of dollars and cents per linear foot.
500.2100	LF	SANITARY SEWER 21" PVC SDR-26 FURNISH & INSTALL	Furnish and install 21 inch PVC SDR-26 sanitary sewer pipe in unclassified depth including all trenching, embedment, backfill and all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
500.2700	LF	SANITARY SEWER 27" PVC SDR-26 FURNISH & INSTALL	Furnish and install 27 inch PVC SDR-26 sanitary sewer pipe in unclassified depth including all trenching, embedment, backfill and all incidentals necessary for the sum of dollars and cents per linear foot.
501.2100	LF	SANITARY SEWER 21" PVC SDR-35 FURNISH & INSTALL	Furnish and install 21" PVC SDR-35 Sanitary Sewer pipe in unclassified depth including all trenching, embedment, backfill and all incidentals necessary for the sum of dollars and cents per linear foot.
501.3000	LF	SANITARY SEWER 30" PVC SDR-35 RANGE FURNISH & INSTALL	Furnish and install 30 inch PVC SDR-35 Sanitary Sewer pipe, including all incidentals necessary according to the plans for the sum of dollars and cents per linear foots.
501.3600	LF	SANITARY SEWER 36" PVC SDR-35 RANGE FURNISH & INSTALL	Furnish and install 36 inch PVC SDR-35 Sanitary Sewer pipe, including all incidentals necessary according to the plans for the sum of dollars and cents per linear foots.
503.2400		SANITARY SEWER 24" CCFP FURNISH & INSTALL	Furnish and install 24" Centrifugally Cast Fiberglas Sanitary Sewer pipe in unclassified depth including all incidentals necessary for the sum of dollars and cents per linear foot.
503.2700	LF	SANITARY SEWER 27" CCFP FURNISH & INSTALL	Furnish and install 27" Centrifugally Cast Fiberglas Sanitary Sewer pipe in unclassified depth including all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
503.3000	LF	SANITARY SEWER 30" CCFP FURNISH & INSTALL	Furnish and install 30" Centrifugally Cast Fiberglas Sanitary Sewer pipe in unclassified depth including all incidentals necessary for the sum of dollars and cents per linear foot.
503.3600	LF	SANITARY SEWER 36" CCFP FURNISH & INSTALL	Furnish and install 36" Centrifugally Cast Fiberglas Sanitary Sewer pipe in unclassified depth including all incidentals necessary for the sum of dollars and cents per linear foot.
503.4800	LF	SANITARY SEWER 48" CCFP, OPEN CUT, FURNISH & INSTALL	Furnish and install 48" Centrifugally Cast Fiberglas Sanitary Sewer pipe, open cut in unclassified depth according to the drawings including all incidentals necessary for the sum of cents per linear foot.
504.2400	LF	SANITARY SEWER 24" CLOSED PROFILE FURNISH & INSTALL	Furnish and install 24 inch diameter closed profile sanitary sewer in accordance with plans and specifications, including all incidentals necessary for the sum of dollars and cents per linear foot.
505.1400	LF	SANITARY SEWER 14" HDPE SLIPLINE	Furnish and install 14 inch diameter sanitary sewer slipliner pipe in accordance with plans and specifications, including all incidentals necessary for the sum of dollars and cents per linear foot.
505.2400	LF	SANITARY SEWER SLIPLINER 24"	Furnish and install 24 inch diameter sanitary sewer slipliner pipe in accordance with plans and specifications, including all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
507.0600	LF	SANITARY SEWER 6" DR-17 IPS FURNISH & INSTALL	Furnish and install 6 inch minimum average inside diameter pipe (DR-17 IPS) by pipe bursting in accordance with plans and specifications, including all incidentals necessary for the sum ofdollars and cents per linear foot
507.0800	LF	SANITARY SEWER 8" DR-17 IPS FURNISH & INSTALL	Furnish and install 8 inch minimum average inside diameter pipe (DR-17 IPS) by pipe bursting in accordance with plans and specifications, including all incidentals necessary for the sum ofdollars andcents per linear foot
507.1000	LF	SANITARY SEWER 10" DR-17 IPS FURNISH & INSTALL	Furnish and install 10 inch minimum average inside diameter pipe (DR-17 IPS) by pipe bursting in accordance with plans and specifications, including all incidentals necessary for the sum ofdollars and cents per linear foot
507.1200	LF	SANITARY SEWER 12.2" DR- 17 IPS FURNISH & INSTALL	Furnish and install 12.2 inch minimum average inside diameter pipe (DR-17 IPS) by pipe bursting in accordance with plans and specifications, including all incidentals necessary for the sum of dollars and cents per linear foot
507.1400	LF	SANITARY SEWER 14" DR-17 IPS FURNISH & INSTALL	Furnish and install 14 inch minimum average inside diameter pipe (DR-17 IPS) by pipe bursting in accordance with plans and specifications, including all incidentals necessary for the sum of dollars and cents per linear foot
507.1500	LF	SANITARY SEWER 15.2" DR- 17 IPS FURNISH & INSTALL	Furnish and install 15.2 inch minimum average inside diameter pipe (DR-17 IPS) by pipe bursting in accordance with plans and specifications, including all incidentals necessary for the sum ofdollars andcents per linear foot

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
507.1600	LF	SANITARY SEWER 16" DR-17 IPS FURNISH & INSTALL	Furnish and install 16 inch minimum average inside diameter pipe (DR-17 IPS) by pipe bursting in accordance with plans and specifications, including all incidentals necessary for the sum ofdollars and cents per linear foot
507.1800	LF	SANITARY SEWER 18" DR-17 IPS FURNISH & INSTALL	Furnish and install 18 inch minimum average inside diameter pipe (DR-17 IPS) by pipe bursting in accordance with plans and specifications, including all incidentals necessary for the sum ofdollars and cents per linear foot
507.4800	LF	SANITARY SEWER 48" DR- 17 IPS FURNISH & INSTALL	Furnish and install 48 inch minimum average inside diameter pipe (DR-17 IPS) by pipe bursting in accordance with plans and specifications, including all incidentals necessary for the sum ofdollars andcents per linear foot
509.1200	LF	SANITARY SEWER 12" PVC HDPE (DR-17 DIPS) OPEN TRENCH	Furnish and install 12" IPS DR-17 HDPE pipe, open cut, with granular embedment in unclassified trench depth according to the plans and including all incidentals necessary for the sum of dollars and cents per linear foot.
509.1600	LF	SANITARY SEWER 16" PVC HDPE (DR-17 DIPS) OPEN TRENCH	Furnish and install 16" IPS DR-17 HDPE pipe, open cut, with granular embedment in unclassified trench depth according to the plans and including all incidentals necessary for the sum of dollars and cents per linear foot.
509.1611	LF	SANITARY SEWER 16" PVC HDPE (DR-11DIPS) OPEN TRENCH	Furnish and install 16" IPS DR-11 HDPE pipe, open cut, with granular embedment in unclassified trench depth according to the plans and including all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
509.1800	LF	SANITARY SEWER 18" PVC HDPE (DR-17 DIPS) OPEN TRENCH	For furnishing all labor, materials, supervision, and equipment necesssary to construct a 18" HDPE (DR-17 DIPS) sanitary sewer pipe in open trench for the sum of dollars and cents per linear foot.
509.3000	LF	SANITARY SEWER 30" PVC HDPE (DR-17 DIPS) OPEN TRENCH	Furnish and install 30" IPS DR-17 HDPE pipe, open cut, with granular embedment in unclassified trench depth according to the plans and including all incidentals necessary for the sum of dollars and cents per linear foot.
509.3600	LF	SANITARY SEWER 36" PVC HDPE (DR-17 DIPS) OPEN TRENCH	Furnish and install 36" IPS DR-17 HDPE pipe, open cut, with granular embedment in unclassified trench depth according to the plans and including all incidentals necessary for the sum of dollars and cents per linear foot.
509.3900	LF	SANITARY SEWER 39" PVC HDPE (DR-17 DIPS) OPEN TRENCH	Furnish and install 39" IPS DR-17 HDPE pipe, open cut, with granular embedment in unclassified trench depth according to the plans and including all incidentals necessary for the sum of dollars and cents per linear foot.
509.4800	LF	SANITARY SEWER 48" PVC HDPE (DR-17 DIPS) OPEN TRENCH	Furnish and install 48" IPS DR-17 HDPE pipe, open cut, with granular embedment in unclassified trench depth according to the plans and including all incidentals necessary for the sum of dollars and cents per linear foot.
513.0800	LF	SANITARY SEWER PIPE 8" PVC HDPE DIPS (DR-7.3) WITH GRANULAR EMBEDMENT FURNISH & INSTALL	Furnish and install 8- inch HDPE DIPS pipe (DR-7.3) open cut, with granular embedment in unclassified depth including all trenching, embedment, backfill, and incidentals necessary, according to the plans and specifications, complete in place for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
513.0801	LF	SANITARY SEWER PIPE 8" PVC HDPE DIPS (DR-7.3) WITH CEMENT EMBEDMENT FURNISH & INSTALL	Furnish and install 8- inch HDPE DIPS pipe (DR-7.3) open cut, with cement stabilized sand embedment in unclassified trech depth according to the plans and specifications, complete in place for the sum of dollars and cents per linear foot.
513.1600	LF	SANITARY SEWER 16" STEEL CASING PIPE FURNISH & INSTALL	Furnish and install 16- inch steel casing pipe including bore and jack according to the plans and including all incidentals necessary for the sum of dollars and cents per linear foot.
513.7800	LF	SANITARY SEWER 78" STEEL CASING PIPE FURNISH & INSTALL	Furnish and install 78- inch steel casing pipe including bore and jack according to the plans and including all incidentals necessary for the sum of dollars and cents per linear foot.
514.4800	LF		Furnish and install 48- inch HDPE IPS pipe (DR-21), open cut, with granular embedment in unclassified depth including all trenching, embedment, backfill, and incidentals necessary, according to the plans and specifications, complete in place for the sum of dollars and cents per linear foot.
514.4801	LF	SANITARY SEWER 48" PVC HDPE IPS (DR-21) WITH CEMENT STABILIZED SAND EMBEDMENT FURNISH & INSTALL	Furnish and install 48- inch HDPE IPS pipe (DR-21), open cut, with cement stabilized sand embedment in unclassified depth including all trenching, embedment, backfill, and incidentals necessary, according to the plans and specifications, complete in place for the sum of dollars and cents per linear foot.
518.1000	LS	SANITARY SEWER 10" FORCEMAIN INCLUDING DUCTILE IRON PIPE REPLACE	Replacement of existiong 10-inch force main including furnishing and installing of new ductile iron pipe, restrained joint couplings, and all incidentals necessary for the lump sum of dollars and cents.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
520.0400	ĒΑ	SANITARY SEWER SERVICE 4" FURNISH & INSTALL	Furnish and install 4 inch sanitary sewer services, including all connection as shown in the plans and all incidentals necessary for the sum of dollars and cents each.
520.0410	LF	SANITARY SEWER SERVICE 4" FURNISH & INSTALL	Furnish and install 4 inch sanitary sewer services, including all connection as shown in the plans and all incidentals necessary for the sum of dollars and cents per linear foot.
520.0450	EA	SANITARY SEWER SERVICE 4" RECONNECT	Reconnect 4 inch sanitary sewer services, including all incidentals necessary for the sum of dollars and cents each.
520.0600	EA	SANITARY SEWER SERVICE 6" FURNISH & INSTALL	Furnish and install 6 inch sanitary sewer services, including all connection as shown in the plans and all incidentals necessary for the sum of dollars and cents each.
520.0650	LF	SANITARY SEWER SERVICE 6" RECONNECT	Reconnect 6" sanitary sewer service as shown in the plan, including all incidentals necessary for the sum of dollars and cents per linear foot.
520.0850	LF	SANITARY SEWER SERVICE 8" RECONNECT	Reconnect 8" sanitary sewer service as shown in the plan, including all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
521.0000			
521.0400	EA	SAN SEWER CLEAN-OUT 4" FURNISH & INSTALL	Furnish and install 4 inch PVC sanitary sewer clean-outs for each new service installed and all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
521.0600	EA	SAN SEWER CLEAN-OUT 6" ON MAIN LINE FURNISH & INSTALL	Furnish and install 6 inch PVC sanitary sewer clean-outs at the end of sanitary main and all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
522.0401	EA	TWO WAY 4" SAN SEWER CLEANOUT FURNISH & INSTALL	Furnish and install two way 4" sanitary sewer cleanouts for each new service installed and all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
522.0601	EA	TWO WAY 6" SAN SEWER CLEANOUT FURNISH & INSTALL	Furnish and install two way 6" sanitary sewer cleanouts for each new service installed and all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
527.0000	EA	SANITARY SEWER METER FURNISH & INSTALL	Furnish and install reinforced concrete sanitary sewer meter and all incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
528.0000	EA	SANITARY SEWER METER VAULT FURNISH & INSTALL	Furnish and install reinforced concrete sanitary sewer meter vault and all incidentals necessary according to the plans for the sum of dollars and cents each.
529.0600	EA	SANITARY SEWER 6" EXTENDABLE BACKWATER VALVE	Furnish and install 6-inch extendable backwater valve Part # EBV-P601 manufactured by Clean Check, Inc. or equal (including adapter and plug) all according to the plans and specifications for the sum of dollars and cents each.
530.1600	EA	VERTICAL GATE VALVE 16" FURNISH & INSTALL	Furnish and install 16 inch vertical gate valve including box, stack, and concrete pad (where called for), and all incidentals according to the plans for the sum of dollars and cents each.
534.0000	EA	PLUG EXISTING MANHOLE	For furnishing all materials, labor and equipment to plug existing manhole, complete for the sum of dollars and cents each.
535.0006	EA	RING AND HINGED COVER PAMREX DUCTILE IRON FURNISH & INSTALL	Furnish and install Pamrex ductile iron ring and hinged cover, including all incidentals necessary according to the plans, for the sum of dollars and cents each.
535.0007			

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
535.0020	EΑ	REHABILITATE SANITARY SEWER MANHOLE	Rehabilitate sanitary sewer manhole with protective coating, including all incidentals necessary according to the plans for the sum of dollars and cents per each.
535.0030	EA		Rework and reline existing manhole including reworking cone so manhole lid is flush with the ground, including all incidentals necessary according to the plans for the sum of dollars and cents each.
535.0031	EA	ADJUST SANITARY SEWER MANHOLE RING & COVER	Adjust sanitary sewer manhole ring and cover with concrete rings in 2" increments up to 18" per manhole according to the specifications and details for the sum of dollars and cents each.
535.0400	EA	SAN SEWER MANHOLE 4' DIA CONSTRUCT	Construct standard 4 foot diameter precast or cast in place sanitary sewer manhole, including all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
535.0433	VF	ADD HEIGHT TO BODY OF MANHOLE FOR ADJUSTMENT OF 4' SANITARY SEWER MANHOLE	Add height to the body of the manhole for adjustment of 4' sanitary sewer manhole according to specifications and details for the sum of dollars and cents per vertical foot.
535.0434	VF	REMOVE HEIGHT FROM BODY OF MANHOLE FOR ADJUSTMENT OF 4' SANITARY SEWER MANHOLE	Remove height from the body of the manhole for adjustment of 4' sanitary sewer manhole according to the specifications and details for the sum of dollars and cents per vertical foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
535.0500	EΑ	SAN SEWER MANHOLE 5' DIA CONSTRUCT	Construct standard 5 foot diameter precast or cast in place sanitary sewer manhole, including all incidentals necessary according to the plans for the sum of dollars and cents each.
535.0533	VF	ADD HEIGHT TO BODY OF MANHOLE FOR ADJUSTMENT OF 5' SANITARY SEWER MANHOLE	Add height to the body of the manhole for adjustment of 5' sanitary sewer manhole according to specifications and details for the sum of dollars and cents per vertical foot.
535.0534	VF	REMOVE HEIGHT FROM BODY OF MANHOLE FOR ADJUSTMENT OF 5' SANITARY SEWER MANHOLE	Remove height from the body of the manhole for adjustment of 5' sanitary sewer manhole according to the specifications and details for the sum of dollars and cents per vertical foot.
535.0600	EA	SAN SEWER MANHOLE 6' DIA CONSTRUCT	Construct standard 6 foot diameter precast or cast in place sanitary sewer manhole including all incidentals necessary according to the plans for the sum of dollars and cents each.
535.0633	VF	ADD HEIGHT TO BODY OF MANHOLE FOR ADJUSTMENT OF 6' SANITARY SEWER MANHOLE	Add height to the body of the manhole for adjustment of 6' sanitary sewer manhole according to specifications and details for the sum of dollars and cents per vertical foot.
535.0634		REMOVE HEIGHT FROM BODY OF MANHOLE FOR ADJUSTMENT OF 6' SANITARY SEWER MANHOLE	Remove height from the body of the manhole for adjustment of 6' sanitary sewer manhole according to the specifications and details for the sum of dollars and cents per vertical foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
535.0800	EA	SAN SEWER MANHOLE 8' DIA PRECAST OR CAST-IN- PLACE CONSTRUCT	Construct standard 8 foot diameter precast or cast in place sanitary sewer manhole, including all incidentals necessary according to the plans for the sum of dollars and cents each.
536.0000			
536.0400	EA	SAN SEWER MANHOLE PRECAST 4' DIA SEALED CONSTRUCT	Construct standard sealed 4 foot diameter precast or cast in place sanitary sewer manhole, including all incidentals necessary according to the plans for the sum of dollars and cents each.
536.0401	EA	SANITARY SEWER MANHOLE 4' DIA SEALED OVER EXISTING SEWER LINE CONSTRUCT	Construct standard sealed 4 foot diameter precast or cast in place sanitary sewer manhole over existing sewer line including all incidentals necessary according to the plans for the sum of cents each.
536.0412	EA	SAN SEWER MANHOLE PRECAST 4' DIA SEALED WITH INTERNAL DROP CONSTRUCT	Construct standard sealed 4 foot diameter precast or cast in place sanitary sewer manhole with internal drop, including all incidentals necessary according to the plans for the sum of cents each.
536.0500	EA	SAN SEWER MANHOLE PRECAST 5' DIA SEALED CONSTRUCT	Construct standard sealed 5 foot diameter precast or cast in place sanitary sewer manhole, including all incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
536.0501	EΑ	SANITARY SEWER MANHOLE 5' DIA SEALED OVER EXISTING SEWER LINE CONSTRUCT	Construct standard sealed 5 foot diameter precast or cast in place sanitary sewer manhole over existing sewer line including all incidentals necessary according to the plans for the sum of cents each.
536.0600	EA	SAN SEWER MANHOLE PRECAST 6' DIA SEALED CONSTRUCT	Construct standard sealed 6 foot diameter precast or cast in place sanitary sewer manhole, including all incidentals necessary according to the plans for the sum of dollars and cents each.
537.0400	EA	SAN SEWER MANHOLE PRECAST 4' DIA OVER EXISTING LINE CONSTRUCT	Construct 4 foot diameter precast or cast in place manhole over existing sewer line, including all incidentals necessary according to the plans for the sum of dollars and cents each.
537.0500	EA	SAN SEWER MANHOLE PRECAST 5' DIA OVER EXISTING LINE CONSTRUCT	Construct 5 foot diameter precast or cast in place manhole over existing sewer line, including all incidentals necessary according to the plans for the sum of dollars and cents each.
537.0600	EA	SAN SEWER MANHOLE PRECAST 6' DIA OVER EXISTING LINE CONSTRUCT	Construct 6 foot diameter precast or cast in place manhole over existing sewer line, including all incidentals necessary according to the plans for the sum of dollars and cents each.
538.0400	EA	SAN SEWER DROP MANHOLE 4' DIA CONSTRUCT	Construct standard 4 foot diameter precast or cast in place sanitary sewer manhole with drop, including all incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
538.0500	ĒΑ	SAN SEWER DROP MANHOLE 5' DIA CONSTRUCT	Construct standard 5 foot diameter precast or cast in place sanitary sewer manhole with drop, including all incidentals necessary according to the plans for the sum of dollars and cents each.
538.0600	EA	SAN SEWER DROP MANHOLE 6' DIA. CONSTRUCT	Construct standard 6 foot diameter precast or cast in place sanitary sewer manhole with drop, 10 foot depth or less, including all incidentals necessary for the sum of dollars and cents each.
539.0400	EA	SAN SEWER DROP MANHOLE 4' DIA SEALED CONSTRUCT	Construct standard sealed 4 foot diameter precast or cast in place sanitary sewer manhole with drop, including all incidentals necessary according to the plans for the sum of dollars and cents each.
540.0400	EA	SANITARY SEWER MANHOLE 4' DIA SEALED W/ STUBOUT CONSTRUCT	Construct standard sealed 4 foot diameter precast or cast in place sanitary sewer manhole with stubout, including all incidentals necessary according to the plans for the sum of cents each.
541.0400	EA	SAN SEWER DROP MANHOLE 4' DIA OVER EXISTING LINE CONSTRUCT	Construct 4 foot diameter precast or cast in place manhole with drop over existing sewer line, including all incidentals necessary according to the plans for the sum of dollars and cents each.
541.0500	EA	SAN SEWER MANHOLE PRECAST 5' DIA WITH DROP CONNECTION OVER EXISTING LINE CONNECTION CONSTRUCT	Construct 5 foot diameter precast or cast in place manhole over existing sewer line with drop connection, including all incidentals necessary according to the plans for the sum of cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
541.0600	ĒΑ	WITH DROP CONNECTION	Construct 6 foot diameter precast or cast in place manhole over existing sewer line with drop connection, including all incidentals necessary according to the plans for the sum of dollars and cents each.
543.0000	EA	INTERNAL DROP CONNECTION TO EXISTING MANHOLE	Construct internal drop connection to existing manhole, including all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
545.0000	EA	SANITARY SEWER T-BASE MANHOLE CONSTRUCT	Constuct T-Base manhole including all incidentals according to the plans, specifications, and details, for the sum of dollars and cents each.
545.0500	EA		Constuct 5 foot diameter T-Base manhole including all incidentals according to the plans, specifications, and details, for the sum of dollars and cents each.
546.0000	EA	SANITARY SEWER T-BASE DROP MANHOLE CONSTRUCT	Construct T-Base drop manhole including all incidentals according to the plans, specifications, and details, for the sum of dollars and cents each.
546.0500	EA		Constuct 5 foot diameter T-Base drop manhole including all incidentals according to the plans, specifications, and details, for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
547.0600	ĒΑ	6' I.D. SQUARE SIPHON BOX CONSTRUCT	Construct 6' I.D. Square siphon box, including fiberglass stop gates, bolted and gasketed covers and all incidentals according to the plans for the sum of dollars and cents each.
548.0500	EA	SAN SEWER MANHOLE FIBERGLASS 5' DIA OVER EXISTING LINE CONNECTION CONSTRUCT	Construct 5 foot diameter fiberglass manhole over existing sewer line, including all incidentals necessary according to the plans for the sum of dollars and cents each.
548.0600	EA	SAN SEWER MANHOLE FIBERGLASS 6' DIA OVER EXISTING LINE CONNECTION CONSTRUCT	Construct 6 foot diameter fiberglass manhole over existing sewer line, including all incidentals necessary according to the plans for the sum of dollars and cents each.
549.0500	EA	SAN SEWER MANHOLE FIBERGLASS 5' DIA WITH DROP CONNECTION OVER EXISTING LINE CONNECTION CONSTRUCT	Construct 5 foot diameter fiberglass manhole over existing sewer line with drop connection, including all incidentals necessary according to the plans for the sum of dollars and cents each.
549.0600	EA	SAN SEWER MANHOLE FIBERGLASS 6' DIA WITH DROP CONNECTION OVER EXISTING LINE CONNECTION CONSTRUCT	Construct 6 foot diameter fiberglass manhole over existing sewer line with drop connection, including all incidentals necessary according to the plans for the sum of dollars and cents each.
550.0000	CY	JUNCTION STRUCTURE CONSTRUCT	Construct junction structure for sanitary sewer including all incidentals necessary to complete according to the plans for the sum of dollars and cents per cubic yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
551.1000	LS	SAN SEWER SLUDGE PIPELINE BLOW-OFF STRUCTURES FURNISH & INSTALL	Furnish and install sludge pipeline blow-off stuctures, including all incidentals necessary to complete according to the plans for the lump sum of dollars and cents.
551.2000	LS	SANITARY SEWER JUNCTION MANHOLE FURNISH & INSTALL	Furnish and install junction manhole, including all incidentals necessary to complete according to the plans for the lump sum of dollars and cents.
551.5000	EA	SANITARY SEWER AIR/ VACUUM RELEASE STRUCTURE FURNISH & INSTALL	Furnish and install air/ vacuum release structure, including all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
552.0500	EA	SAN SEWER MANHOLE FIBERGLASS 5' DIA WITH DROP CONNECTION CONSTRUCT	Construct 5 foot diameter fiberglass manhole with drop connection, including all incidentals necessary according to the plans for the sum of dollars and cents each.
553.0000	EA	SAN SEWER CITY PROVIDED WAC FIBERGLASS 4'- INSTALL	Install City provided 4' Fiberglass WAC at the end of a sanitary sewer line, including all incidentals necessary according to the plans for the sum of dollars and cents EACH.
555.0500	EA	SAN SEWER MANHOLE FIBERGLASS 5' DIA CONSTRUCT	Construct standard 5 foot diameter fiberglass sanitary sewer manhole, including all incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
555.0533	VF	ADD HEIGHT TO BODY OF MANHOLE FOR ADJUSTMENT OF 5' SANITARY SEWER FIBERGLASS MANHOLE	Add height to the body of the manhole for adjustment of 5' sanitary sewer fiberglass manhole according to specifications and details for the sum of dollars and cents per vertical foot.
555.0600	EA	SAN SEWER MANHOLE FIBERGLASS 6' DIA CONSTRUCT	Construct standard 6 foot diameter fiberglass sanitary sewer manhole, including all incidentals necessary according to the plans for the sum of dollars and cents each.
555.0633	VF	ADD HEIGHT TO BODY OF MANHOLE FOR ADJUSTMENT OF 6' SANITARY SEWER FIBERGLASS MANHOLE	Add height to the body of the manhole for adjustment of 6' sanitary sewer fiberglass manhole according to specifications and details for the sum of dollars and cents per vertical foot.
556.0600	EA	SAN SEWER DROP MANHOLE FIBERGLASS 6' DIA WATERTIGHT CONSTRUCT	Construct watertight standard 6 foot diameter fiberglass sanitary sewer manhole with internal drop, including all incidentals necessary according to the plans for the sum of dollars and cents each.
564.0030	EA	CLEANOUT ADJUST	Adjust sanitary sewer clenout according to the specifications and details for the sum of dollars and cents each.
570.0800	LF	SANITARY SEWER 8" DR 21 HDPE WITH EMBEDMENT BY OPEN CUT	Open cut trench and install 8" DR 21 HDPE sanitary sewer pipe including all according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
570.1800	LF		Open cut trench and install 18" DR 21 HDPE sanitary sewer pipe including all according to the plans for the sum of dollars and cents per linear foot.
571.0800	LF	SANITARY SEWER 8" DR 21 HDPE BY DIRECTIONAL BORE	Directional bore 8 inch DR 21 HDPE sanitary sewer pipe including all according to the plans for the sum of cents per linear foot.
571.1000	LF	SANITARY SEWER 10" DR 21 HDPE BY DIRECTIONAL BORE	Directional bore 10 inch DR 21 HDPE sanitary sewer pipe including all according to the plans for the sum of cents per linear foot.
571.1800		SANITARY SEWER 18" DR 21 HDPE BY DIRECTIONAL BORE	Bore 18" DR 21 HDPE sanitary sewer pipe including all according to the plans for the sum of dollars and cents per linear foot.
572.3600	LF	SANITARY SEWER 36" DR 21 HDPE CASING W/ SPACERS	Furnish and install 36 inch DR 21 HDPE sanitary sewer pipe in aerial crossing carrier pipe including all casing spacers and all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
573.1800	LF	SANITARY SEWER 18" DI CLASS 250 CERAMIC EPOXY LINING AND POLYETHYLENE ENCASEMENT - FURNISH & INSTALL	Furnish and install 18 inch ductile iron pressure class 250 flex joint pipe including ceramic epoxy lining and polyethylene encasement in unclassified depth and including all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
580.0000	LF	SAN SEW" PVC BORE & ENCASE	Bore" PVC sanitary sewer including all according to the plans for the sum of dollars and cents per linear foot.
580.1501	LF	WITH STEEL CASING 3/8"	Bore 15" SDR-26 PVC sanitary sewer including 24" smooth bore steel casing pipe (3/8" thickness) with 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
580.1502	LF	WITH STEEL CASING 3/8"	Bore 15" SDR-35 PVC sanitary sewer including 24" smooth bore steel casing pipe (3/8" thickness) with 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
580.1510	LF	WITH STEEL CASING 1/2"	Bore 15" SDR-35 PVC sanitary sewer including 24" smooth bore steel casing pipe (1/2" thickness) with 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
580.1511	LF	SAN SEWER 15" SDR-26 PVC WITH STEEL CASING 1/2" THICKNESS BORE & ENCASE	Bore 15" SDR-26 PVC sanitary sewer including 24" smooth bore steel casing pipe (1/2" thickness) with 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
581.0800	LF	SAN SEWER 16" STEEL CASING PIPE W/ 8" DIPS DR 7.3 HDPE PIPE FURNISH & INSTALL	Furnish and install 16" steel casing pipe w/ 8" DIPS DR 7.3 HDP pipe, including bore and jack, according to the plans and including all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
581.4801		SAN SEWER 60" STEEL CASING PIPE W/ 48" DR-21 HDPE PIPE FURNISH & INSTALL	Furnish and install 60" steel casing pipe w/ 48" DR-21 HDPE pipe, including bore and jack, according to the plans and including all incidentals necessary for the sum of dollars and cents per linear foot.
581.6000	LF	SAN SEWER 72" STEEL CASING PIPE W/ 60" CCFP FURNISH & INSTALL	Furnish and install 78" steel casing pipe or 78" tunnel liner plate w/ 60" Centrifugally Cast Fiberglass pipe, including bore and jack, according to the plans and including all incidentals necessary for the sum of dollars and cents per linear foot.
581.6600	LF	SAN SEWER 72" STEEL CASING PIPE W/ 66" CCFP FURNISH & INSTALL	Furnish and install 72" steel casing pipe or 78" tunnel liner plate w/ 66" Centrifugally Cast Fiberglas pipe, including bore and jack, according to the plans and including all incidentals necessary for the sum of dollars and cents per linear foot.
582.4800	LF	SAN SEWER 60" STEEL CASING PIPE W/ 48" DR-17 HDPE PIPE FURNISH & INSTALL	Furnish and install 60" steel casing pipe or 66" tunnel liner plate w/ 48" DR-17 HDPE pipe, including bore and jack, according to the plans and including all incidentals necessary for the sum of dollars and cents per linear foot.
582.4801	LF	SAN SEWER 60" STEEL CASING PIPE W/ 48" DR-21 HDPE PIPE FURNISH & INSTALL	Furnish and install 60" steel casing pipe or 66" tunnel liner plate w/ 48" DR-21 HDPE pipe, including bore and jack, according to the plans and including all incidentals necessary for the sum of dollars and cents per linear foot.
582.6000	LF	SAN SEWER 72" STEEL CASING PIPE W/ 60" SPIRAL WOUND FIBERGLASS PIPE FURNISH & INSTALL	Furnish and install 72" steel casing pipe or 78" tunnel liner plate w/ 60" Spiral wound fiberglass pipe, including bore and jack, according to the plans and including all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
582.6600	LF	SAN SEWER 72" STEEL CASING PIPE W/ 66" CCFP FURNISH & INSTALL	Furnish and install 72" steel casing pipe or 78" tunnel liner plate w/ 66" Spiral wound fiberglass pipe, including bore and jack, according to the plans and including all incidentals necessary for the sum of dollars and cents per linear foot.
583.2420	LF	SAN SEWER 24" CLOSED PROFILE W/ 36" CASING BORE & ENCASE	Bore 24" PVC closed profile sanitary sewer including 36" steel casing pipe with 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
583.3030	LF	SAN SEWER 30" CLOSED PROFILE W/ 42" CASING BORE & ENCASE	Bore 30" PVC closed profile sanitary sewer including 42" steel casing pipe with 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
583.3640	LF	SAN SEWER 36" CLOSED PROFILE W/ 48" CASING BORE & ENCASE	Bore 36" PVC closed profile sanitary sewer including 48" steel casing pipe with 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
583.3650	LF	SAN SEWER 36" CLOSED PROFILE W/ 54" CASING BORE & ENCASE	Bore 36" PVC closed profile sanitary sewer including 54" steel casing pipe with 2000 PSI plugging all according to the plans for the sum of dollars and cents per linear foot.
584.3030	LF	SAN SEWER 30" CCFP W/ 42" CASING BORE & ENCASE	Bore 30" centrifugally cast fiberglass sanitary sewer including 42" steel casing pipe, all according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
584.3640	LF	SAN SEWER 36" CCFP W/ 48" CASING BORE & ENCASE	Bore 36" centrifugally cast fiberglass sanitary sewer including 48" steel casing pipe, all according to the plans for the sum of dollars and cents per linear foot.
588.0600	LF	BORE 6" HDPE (DR-17)	Furnish and install 6" HDPE (DR-17) sanitary sewer by directional bore, including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
588.1830	LF	BORE 18" HDPE (DR-17) INCLUDING 30" STEEL CASING PIPE	Bore 18" HDPE (DR-17) sanitary sewer including 30" smooth bore steel casing pipe with 2000 PSI plugging according to the plans for the sum of dollars and cents per linear foot.
589.3020	LF	SAN SEWER 48" TUNNEL LINER PLATE W/ 30" CENTRIFUGALLY CAST FIBERGLASS PIPE	Furnish and install 48 inch tunnel liner plate w/ 30 inch Centrifugally Cast Fiberglass pipe, according to the plans and including all incidentals necessary for the sum of dollars and cents per linear foot.
590.1000	CY	SAN SEWER CONC. ENCASEMENT CAP 2000 PSI	For 2000 PSI concrete encasement cap for sanitary sewer mains, according to the plan for the sum of dollars and cents per cubic yard.
591.0000	CY	SAN SEWER CONC. ENCASEMENT 2000 PSI OR GREATER	For 2000 PSI or greater concrete encasement for sanitary sewer mains, according to the plan for the sum of dollars and cents per cubic yard.

ITEM_NO UN	IT DESCRIP	DESCRIPTION
592.1600 LF	SAN SEWER 16" STEEL PLIT ENCASEMENT - FURNISH & INSTALL	Furnish and install 16 inch steel split encasement pipe as shown on the plans, including all incidentals necessary for the sum of dollars and cents per linear foot.
593.0000 LS	SANITARY SEWER CONNECTION	Furnish and install connection and pigging station including all incidentals according to the plans, specifications, and details, for the lump sum of dollars and cents.
596.0000 LF	TRENCH SAFETY	Furnish and install complete trench safety for sanitary sewer installations including all incidentals necessary according to the specifications, details, and regulations of State and Federal for the sum of dollars and cents per linear foot.
596.0010 LS	EXCAVATION SAFETY FURNISH & INSTALL	Furnish and install complete excavation safety for pump station wetwell and junction box installations according to the specifications, details, and regulations of State and Federal for the lump sum of dollars and cents.
599.1000 LS	LIFT STATION FURNISH & INSTALL	Furnish and Install Lift Station including driveway, fence, all site work and appurtenances, all according to the plans for the lump sum of dollars and cents.
599.2000 EA	CUT PLK	Cut and plug SANITARY SEWER PIPE, all according to the plans for the sum of dollars and cents EACH.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
599.3001	EA	CONNECT TO MANHOLE	Connect to existing Manhole, all according to the plans for the sum of dollars and cents each.
599.4000	EA	CUT, PLUG AND ABANDON EXISTING SANITARY SEWER	Cut and plug existing sanitary sewer pipe in variable depth trench including open cut street backfill and all other incidentals necessary according to the plan for the sum of dollars and cents each.
599.6000	LS	SIPHON ABANDON	Abandon existing siphon including all other incidentals necessary according to the plan for the lump sum of dollars and cents.
600.0000	LF	ARMOR JOINTS FURNISH & INSTALL	Furnish and install armor joints all according to the plans, specifications and details for the sum of dollars and cents per linear foot.
610.1000	SF	BRIDGE DECK RIDING SURFACE REHAB	For bridge deck riding surface rehabilitation including surface preparation, Sika Armatec 110 Epo-Cem (or equal), Sika Ferrogard 903 (or equal) and Sikaquick 1000 (or equal) including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents per square foot.
610.2000	LF	BRIDGE DECK EDGE REHAB	For bridge deck edge rehabilitation including surface preparation, Sika Armatec 110 Epo-Cem (or equal), Sika Ferrogard 903 (or equal) and Sikaquick 1000 (or equal) including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
610.3000	LF	BRIDGE ARMOR JOINT REHAB	For bridge armor joint rehabilitation including removal of accumulated debris and sealing with Dow Corning SSI-XJS (or equal) including surface preparation, nosing, and all incidentals necessary to complete, in place, all according to the project plans and details for the sum of dollars and
			cents per linear foot.
610.4000	SF	BRIDGE COLUMN SPALL REPAIR	For bridge column spall repair including surface preparation, Sika Armatec 110 Epo-Cem (or equal), Sika Ferrogard 903 (or equal) and Sikarepair 224 (or equal) including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents per SQUARE FOOT.
610.5000	SF	BRIDGE BENT CAP SPALL REPAIR	For bridge bent cap spall repair including removal of damaged concrete, surface preparation, embedded Sika Galvashield XP (or equal), Sika Armatec 110 Epo-Cem (or equal), Sika Ferrogard 903 (or equal), and Sikarepair 224 (or equal) including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents per
610.6000	SF	BRIDGE DECK UNDERSIDE REHABILITATION	For bridge deck underside rehabilitation including surface preparation, Sika Armatec 110 Epo-Cem (or equal), and Sikarepair 224 (or equal) including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents per SQUARE FOOT.
610.7000	SF	BRIDGE ABUTMENT WALL REPAIR	For bridge abutment wall honeycombing repair including surface preparation, Sika Armatec 110 Epo-Cem (or equal), and Sikarepair 224 (or equal) including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents per SQUARE FOOT.
610.8000	SF	CONCRETE REINFORCEMENT CORROSION INHIBITOR	For Sika Ferrogard 903 (or equal) concrete reinforcement corrosion inhibitor on entire bridge deck (top, bottom, and edges) and around perimeter of all repar areas (to foot minimum all around) including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents per SQUARE FOOT.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
610.9000	610.9000 SF	BRIDGE DECK UNDERSIDE REHAB	For bridge deck underside rehabilitation including surface preparation, Sika Armatec 110 Epo-Cem (or equal), Sika Ferrogard 903 (or equal) and Sikarepair 224 (or equal) including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and
			cents per SQUARE FOOT.
611.0000	LF	REINFORCEED PAVEMENT JOINT FABRIC FURNISH & INSTALL	Furnish and install reinforced pavement joint fabric underseal in conformance with TxDOT Item 356, Fabric Underseal, including all incidentals necessary to complete, in place, all according to the project plans and details for the sum of dollars and cents per linear foot.
611.1100	SF	BRIDGE ABUTMENT WALL REPAIR	For bridge abutment wall honeycombing repair including surface preparation, Sika Armatec 110 Epo-Cem (or equal), Sika Ferrogard 903 (or equal) and Sikarepair 224 (or equal) including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents per
612.0000	1.0	CTDUCTURE OF EVICTING	SQUARE FOOT.
612.0000	LS	STRUCTURE OF EXISTING IRRIGATION MANHOLE FURNISH & INSTALL	For structural augmentation of existing irrigation manhole including all structural steel, fabrication, anchorage and all incidentals necessary to complete, in place, all according to the project plans and details for the LUMP SUM of
			dollars and
			cents.
613.0000	CY	BRIDGE COLUMN COLLAR FURNISH & INSTALL	For Class C reinforced concrete bridge column collar including all concrete, reinforcement, forming, excavation, backfill, and all incidentals necessary to complete, in place, all according to the project plans and details for the sum of dollars and
044.0000	. –	OTEEL OOVEDDLATE	cents per CUBIC YARD.
614.0000	LF	STEEL COVERPLATE FURNISH & INSTALL	Furnish and install structural steel coverplate at existing bridge deck armor joint including all materials, fabrication, anchorage, and all incidentals necessary to complete, in place, all according to the project plans and details for the sum of
			dollars and
			cents per

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
630.1300	CY	CLASS S CONCRETE BRIDGE APPROACH SLAB	For variable thickness Class S concrete bridge approach slab (BAS-94)(MOD) including slab support, shoulder drain and all other incidentals necessary to complete in place for the sum of dollars and cents per cubic yard.
630.1400	CY	CLASS S CONCRETE BRIDGE APPROACH SLAB (BAS- C)(MOD)	For variable thickness Class S concrete bridge approach slab (BAS-C)(MOD) including slab support, shoulder drain and all other incidentals necessary to complete in place for the sum of dollars and cents per cubic yard.
653.1000	CY	RETAINING WALL TYPE 'A' CONSTRUCT	For Type 'A' retaining wall icluding all excavation, reinforcing steel, forming, and railing all according to the plans and all other incidentals necessary to complete in place for the sum of cents per cubic yard.
653.2000	CY	RETAINING WALL TYPE 'B' CONSTRUCT	For Type 'B' retaining wall icluding all excavation, reinforcing steel, forming, and railing all according to the plans and all other incidentals necessary to complete in place for the sum of cents per cubic yard.
653.3000	CY	RETAINING WALL TYPE 'C' CONSTRUCT	For Type 'C' retaining wall icluding all excavation, reinforcing steel, forming, and railing all according to the plans and all other incidentals necessary to complete in place for the sum of cents per cubic yard.
653.4000	CY	RETAINING WALL TYPE 'D' CONSTRUCT	For Type 'D' retaining wall icluding all excavation, reinforcing steel, forming, and railing all according to the plans and all other incidentals necessary to complete in place for the sum of cents per cubic yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
653.5000	SF	RETAINING WALL CONCRETE SEGMENTAL FURNISH AND INSTALL	Furnish and install Concrete Segmental Retaining Wall including all excavation, reinforcing steel, forming, and railing all according to the plans and all other incidentals necessary to complete in place for the sum of dollars and cents per square feet.
654.0000	CY	RETAINING WALL 3000 PSI NEGATIVE	For 3000 PSI reinforced concrete negative retaining wall including all excavation, concrete, reinforcing steel, forming according to the plans for the sum of dollars and cents per cubic yard.
655.0010	LF	SCREENING WALL REMOVE AND REPLACE	Remove and replace screening wall all according to the plans specifications and details for the sum of dollars and cents per cubic yard.
655.0011	LS	SCREENING WALL REPAIR AND OR REPLACE	Repair and replacement of Masonry Screen Walls. Work to be subcontracted to a Masonry Contractor designated by the City. Reimbursement equal to cost of subcontract plus 15% for the sum of dollars and cents per lump sum.
655.1000	LF	SINGLE WYTHE MASONRY SCREENING WALL INSTALL	Install single wythe masonry screening wall all according to the plans specifications and details for the sum of dollars and cents per linear foot.
655.2000	LF	DOUBLE WYTHE MASONRY SCREENING WALL INSTALL	Install double wythe masonry screening wall all according to the plans specifications and details for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
656.0000	CY	RETAINING WALL 3600 PSI NEGATIVE	For 3600 PSI reinforced concrete negative retaining wall including all excavation, concrete, reinforcing steel, forming according to the plans for the sum of dollars and cents per cubic yard.
657.0000	SY	RETAINING WALL R-RAP	For R- rap retaining wall including all excavation, reinforcing steel and forming all according to the plans for the sum dollars and cents per square yard.
658.0000	CY	RETAINING WALL CONSTRUCT	For 3000 PSI reinforce concrete retaining wall icluding all excavation, reinforcing steel, forming, and railing all according to the plans and all other incidentals necessary to complete in place for the sum of dollars and cents per cubic yard.
659.0000	SY	RETAINING WALL RIP RAP	For rip rap retaining wall including all excavation, reinforcing steel and forming all according to the plans for the sum dollars and cents per square yard.
660.0000	CY	RETAINING WALL TYPE RW 1 (H) C	For class C concrete type RW 1 (H) C retaining wall including all excavation, reinforcing steel and forming all according to the plans for the sum dollars and cents per cubic yard.
661.1000	CY	(L) C	For type RW 1 (L) C retaining wall including all excavation, concrete, reinforcing steel, forming and all other incidentals according to the plans for the sum dollars and cents per cubic yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
662.0000	CY	RETAINING WALL 3000 PSI TYPE 2	For 3000 PSI type 2 retaining wall including all excavation, concrete, reinforcing steel, forming according to the plans for the sum of dollars and cents per cubic yard.
663.0000	CY	RETAINING WALL 3000 PSI TYPE 3	For 3000 PSI type 3 retaining wall including all excavation, concrete, reinforcing steel, forming according to the plans for the sum of dollars and cents per cubic yard.
664.4000	CY	RETAINING WALL 3000 PSI TYPE 4	For 3000 PSI Type 4 retaining wall including all excavation, concrete, reinforcing steel, forming according to the plans for the sum of dollars and cents per cubic yard.
665.0000	CY	RETAINING WALL 3000 PSI TYPE 5	For 3000 PSI type 5 retaining wall including all excavation, concrete, reinforcing steel, forming according to the plans for the sum of dollars and cents per cubic yard.
666.0000	СҮ	RETAINING WALL 3000 PSI TYPE 6	For 3000 PSI type 6 retaining wall including all excavation, concrete, reinforcing steel, forming according to the plans for the sum of dollars and cents per cubic yard.
666.1000	CY	RETAINING WALL 3000 PSI TYPE 6A	For 3000 PSI type 6A retaining wall including all excavation, concrete, reinforcing steel, forming and all other incidentals according to the plans for the sum of dollars and cents per cubic yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
667.0000	CY	RETAINING WALL 3000 PSI TYPE 7	For 3000 PSI type 7 retaining wall including all excavation, concrete, reinforcing steel, forming according to the plans for the sum of dollars and cents per cubic yard.
668.0000	CY	RETAINING WALL 3000 PSI TYPE 8	For 3000 PSI type 8 retaining wall including all excavation, concrete, reinforcing steel, forming according to the plans for the sum of dollars and cents per cubic yard.
669.1000	CY	RETAINING WALL 3000 PSI TYPE L1	For 3000 PSI type L1 retaining wall including all excavation, concrete, reinforcing steel, forming according to the plans for the sum of dollars and cents per cubic yard.
669.2000	СҮ	RETAINING WALL 3000 PSI TYPE L2	For 3000 PSI type L2 retaining wall including all excavation, concrete, reinforcing steel, forming according to the plans for the sum of dollars and cents per cubic yard.
669.3000	CY	RETAINING WALL 3000 PSI TYPE B	For 3000 PSI type B retaining wall including all excavation, concrete, reinforcing steel, forming according to the plans for the sum of dollars and cents per cubic yard.
670.0000	СҮ	HEADWALL & WINGWALLS 3600 PSI CONC CONST	Class "C" 3600 PSI reinforced concrete for headwalls, wing walls and retaining walls including all excavation, forming, backfill, reinforcement steel, approach slabs according to the plans for the sum of dollars and cents per cubic yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
672.1104	EA	11' x4' TYPE A HEADWALL	Construct 11' x 4' Type A reinforced concrete headwall including all incidentals necessary according to the plans for the sum of dollars and cents each.
672.2400	EA	HEADWALL 24" TYPE A CONSTRUCT	Construct 24" Type A reinforced concrete headwall including all incidentals necessary according to the plans for the sum of dollars and cents each.
672.3000	CY	HEADWALL 30" TYPE A CONSTRUCT	Construct 30" Type A reinforced concrete headwall including all incidentals necessary according to the plans for the sum of dollars and cents per cubic yard.
672.3600	EA	HEADWALL 36" TYPE A CONSTRUCT	Construct 36" Type A reinforced concrete headwall including all incidentals necessary according to the plans for the sum of dollars and cents each.
673.3600	EA	HEADWALL 36" TYPE G CONSTRUCT	Construct 36" Type G reinforced concrete headwall including all incidentals necessary according to the plans for the sum of dollars and cents each.
673.5400	EA	HEADWALL 54" TYPE G CONSTRUCT	Construct 54" Type G reinforced concrete headwall including all incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
673.6000	EA	HEADWALL 60" TYPE G CONSTRUCT	Construct 60" Type G reinforced concrete headwall including all incidentals necessary according to the plans for the sum of dollars and cents each.
673.6600	EA	HEADWALL 66" TYPE G CONSTRUCT	Construct 66" Type G reinforced concrete headwall including all incidentals necessary according to the plans for the sum of dollars and cents each.
673.7200	EA	HEADWALL 72" TYPE G CONSTRUCT	Construct 72" Type G reinforced concrete headwall including all incidentals necessary according to the plans for the sum of dollars and cents each.
674.0605	EA		Construct 6'x 5' TXDOT PW-N reinforced concrete headwall including all incidentals necessary according to the plans for the sum of dollars and cents each.
674.0705	EA	HEADWALL TXDOT TYPE PW- N ON 7'x 5' CONSTRUCT	Construct 7'x 5' TXDOT PW-N reinforced concrete headwall including all incidentals necessary according to the plans for the sum of dollars and cents each.
674.1004	·EA		Construct 10'x 4' TXDOT PW-N reinforced concrete headwall including all incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
674.1009	EA	HEADWALL TXDOT TYPE PW- N ON 10'x 9' CONSTRUCT	Construct 10'x 9' TXDOT PW-N reinforced concrete headwall including all incidentals necessary according to the plans for the sum of dollars and cents each.
674.3216	EA		Construct 4- 8'x4' TXDOT PW-N reinforced concrete headwall including all incidentals necessary according to the plans for the sum of dollars and cents each.
675.0000	CY	TOEWALL 3000 PSI CONCRETE	For class 'A' 3000 PSI reinforced concrete for toewalls including all incidentals according to the plans for the sum of dollars and cents per cubic yard.
676.2400	EA	HEADWALL 24" TYPE B CONSTRUCT	Construct 24" Type B reinforced concrete headwall including all incidentals necessary according to the plans for the sum of dollars and cents each.
676.2700	CY	HEADWALL 27" TYPE B CONSTRUCT	Construct 27" Type B reinforced concrete headwall including all incidentals necessary according to the plans for the sum of dollars and cents per cubic yard.
676.3600	EA	HEADWALL 36" TYPE B CONSTRUCT	Construct 27" Type B reinforced concrete headwall including all incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
677.1006	EΑ	HEADWALL TXDOT TYPE FW- S ON 4-10'x 6' CONSTRUCT	Construct 4-10'x 6' TXDOT FW-S reinforced concrete headwall including all incidentals necessary according to the plans for the sum of dollars and cents each.
678.1000	SF	HEADWALL LINER - FORM	Form LINER on headwall including all incidentals necessary according to the plans for the sum of dollars and cents per square feet.
678.2000	SF	HEADWALL MASONRY VENEER AND BRICKLEDGE - CONSTRUCT	Construct MASONRY VENEER AND BRICKLEDGE on headwall including all incidentals necessary according to the plans for the sum of dollars and cents per square feet.
680.0000	LF	BRIDGE RAILING	For fabricated steel bridge railing of the type and size as shown in the plans including all priming and painting according to the plans, specifications and details for the sum of dollars and cents per linear foot.
681.0000	LF	RAILING PEDESTRIAN TYPE PR (STEEL)	For pedestrian railing Type PR (steel) as per TxDOT Details and all incidentals according to the plans for the sum of dollars and cents per linear foot.
681.1000	LF	METAL HANDRAILS FABRICATE & INSTALL	For fabrication and installation of steel pipe handrailing for culverts, small bridges or retaining walls as shown in the plans including priming and painting for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
682.0000	LF	METAL BEAM GUARD RAIL FURNISH & INSTALL	Furnish and install metal beam guard rail fence including all incidentals according to the plans for the sum of cents per linear foot.
682.0020	EA	METAL BEAM GUARD RAIL REMOVE & RELOCATE	Remove and relocate existing metal beam guard rail terminal end sections according to the plans and specifications for the sum of dollars and cents each.
682.1000	EA	METAL BEAM GUARD RAIL TERMINAL ANGLE SECTION FURNISH & INSTALL	
683.0000	LF	METAL BEAM GUARD W/STEEL POSTS FURNISH & INSTALL	Furnish and install Metal Beam Guard Rail fence including Steel line posts and all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
684.0000	LF	RAIL TYPE T-502	For THD Type T-502 Rail, including dowels and modified anchoring as shown, concrete parapet, terminal connectors, and all labor, materials, and all incidentals necessary for the sum of dollars and cents per linear foot.
684.1000	LF	RAIL TYPE T-101 FURNISH & INSTALL	For THD Type T-101Rail, including dowels and modified anchoring as shown, concrete parapet, terminal connectors, and all labor, materials, and all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
684.2000	LF	RAIL TYPE T-201 FURNISH & INSTALL	Furnish and Install Type T-201 Rail, including all incidentals according to the plans for the sum of dollars and cents per linear foot.
684.4000	LF	RAIL TYPE T-402	For THD Type T-402 Rail, including dowels and modified anchoring as shown, concrete parapet, terminal connectors, and all labor, materials, and all incidentals necessary for the sum of dollars and cents per linear foot.
685.0000	LF	TXDOT TYPE RAC GUARD RAIL FURNISH & INSTALL	Furnish and install TxDOT Type RAC guard rail including all incidentals according to the plans for the sum of cents per linear foot.
686.1000	EA	FOOTBRIDGE FURNISH & INSTALL	Furnish and Install footbridge, including all incidentals according to the plans for the sum of dollars and cents each.
686.2000	EA	FOOTBRIDGE FOUNDATION FURNISH & INSTALL	Furnish and Install footbridge foundation, including all incidentals according to the plans for the sum of dollars and cents each.
686.3000	EA	SHED FOUNDATION FURNISH & INSTALL	Furnish and Install shed foundation, including all incidentals according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
690.0000	LF	BEAMS PRESTRESSED CONCRETE	For pre-stressed concrete type beams all according to the plans, specifications and details for the sum of dollars and cents per linear foot.
691.1800	LF	PIERS 18" DIA CONSTRUCT	Construct 18 inch class "C" 3600 PSI reinforced concrete drilled shaft foundation including all reinforcement steel, drilling, forming according to the plans and specifications for the sum of dollars and cents per linear foot.
691.2400	LF	PIERS 24" DIA. CONSTRUCT	Construct 24 inch class "C" 3600 PSI reinforced concrete drilled shaft foundation including all reinforcement steel, drilling, forming according to the plans and specifications for the sum of dollars and cents per linear foot.
692.0000	CY	CONCRETE GRADE BEAM FURNISH & INSTALL	Furnish and install Concrete Grade Beam including all incidentals necessary according to the plans for the sum of dollars and cents per cubic yard.
692.1818	EA	CONCRETE BEAM 18" X 18"	Construct 18 inch x 18 inch diameter concrete BEAM including all incidentals necessary according to the plans and specifications for the sum of dollars and cents EACH.
693.1200	EA	PIER 12" DIA 10 VF DEEP CONSTRUCT	Construct 12 inch diameter concrete pier 10 feet vertical deep including all incidentals necessary according to the plans and specifications for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
699.0000	CY	STRUCTURAL WORK MISCELLANEOUS	Miscellaneous structural work (column remediation) related to concrete construction for the sum of dollars and cents per cubic yard.
699.1000	СҮ	MISCELLANEOUS SPILLWAY STRUCTURAL WORK	Miscellaneous spillway structural work related to concrete construction for the sum of dollars and cents per cubic yard.
700.0000	LS	LANDSCAPING INSTALL	For the installation of all landscaping materials as shown on the plans and specifications unless otherwise indicated, including all appurtenances for the lump sum of dollars and cents.
700.0010	DLS	LANDSCAPING REMOVE & REPLACE	For removal and replace of all landscaping materials as shown on the plans and specifications unless otherwise indicated, including all appurtenances for the lump sum of cents.
700.0310	DEA	CALIPER TREE 3" REMOVE & REPLACE	For removal and replace of 3 inch caliper tree as shown on the plans and specifications unless otherwise indicated, including all appurtenances for the sum of dollars and cents each.
700.1010	DEA	BUSHES & SHRUBS REMOVE & REPLACE	For removal and replace of all bushes and shrubs as shown on the plans and specifications unless otherwise indicated, including all appurtenances for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
701.0010	EA	TREE REMOVE & REPLACE	For removal and replace of all trees as shown on the plans and specifications unless otherwise indicated, including all appurtenances for the lump sum of dollars and cents.
701.1000	EA	TREE STAKING	Furnish and install Tree Staking, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents each.
702.0010	HD	SPRINKLER SYSTEM REMOVE, REPLACE & REPAIR	For removal, replacement and repair of all sprinkler heads, control valves, pipe fitting, controllers, and all incidentals according to the plans for the sum of dollars and cents per head.
702.0011	LS	REMOVE, REPLACE & REPAIR	For removal, replacement and repair of all sprinkler heads, control valves, pipe fitting, controllers, and all incidentals according to the plans for the lump sum of dollars and cents.
702.0020	LS		For removal, replacement and repair of all sprinkler heads, control valves, pipe fitting, controllers, and all incidentals according to the plans for the lump sum of dollars and cents.
702.0021			For removal, and relocate of all hydrauly control sprinkler heads, control valves, pipe fitting, controllers, and all incidentals according to the plans for the sum of dollars and cents per head.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
702.0090	LS	SPRINKLER SYSTEM REPAIR	For repair of all sprinkler heads, control valves, pipe fitting, controllers, and all incidentals according to the plans for the lump sum of dollars and cents.
703.0010	LF	COPPER CONDUCTOR WIRE 12 GAUGE FURNISH & INSTALL	Furnish and install 12 gauge, solid copper conductor wire with direct burial insulation, color coded for sprinkler system complete and in place according to the plans for the sum of dollars and cents per linear foot.
705.0000	LF	ROOT BARRIER FURNISH & INSTALL	Furnish and install root barrier as directed by City Engineering Inspector along the proposed alignment, for the sum of dollars and cents per linear foot.
706.0000	LF	PLANTINGS FOR NATURAL BOTTOM	For planting for natural bottom as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents per linear foot.
706.0001	SF	PLANTINGS FOR NATURAL BOTTOM	For planting for natural bottom as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents per square foot.
706.1000	LF		For planting and seeding in natural channel bottom as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
707.1000	LF	PLANTINGS FOR REINFORCED SLOPE AREA 1	For planting for reinforced slope Area 1as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents per linear foot.
707.1001	SF	PLANTINGS FOR REINFORCED SLOPE AREA 1	For planting for reinforced slope Area 1 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents per square foot.
707.2000	LF	PLANTINGS FOR REINFORCED SLOPE AREA 2	For planting for Reinforced Slope Area 2 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents per linear foot.
707.2001	SF	PLANTINGS FOR REINFORCED SLOPE AREA 2	For planting for Reinforced Slope Area 2 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents per square foot.
707.4000	LF	PLANTINGS FOR VEGETATED	For planting for vegetated as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents per linear foot.
708.1000	LF	PLANTING FOR VEGETATED AREA 1	For planting for vegetated Area 1 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
708.2000	LF	PLANTINGS FOR VEGETATED AREA 2	For planting for vegetated Area 2 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents per linear foot.
708.3000	LF	PLANTINGS FOR VEGETATED AREA 3	For planting for vegetated Area 3 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents per linear foot.
708.3001	SF	PLANTINGS FOR VEGETATED AREA 3	For planting for vegetated Area 3 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents per square foot.
708.4000	LF	SODDING FOR VEGETATED AREA 1	For sodding for vegetated Area 1 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents per linear foot.
709.1000	LF	SEEDING FOR VEGETATED AREA 1	For seeding vegetated Area 1 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents per linear foot.
709.1001	SY	SEEDING FOR VEGETATED AREA 1	For seeding vegetated Area 1 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
709.2001	SY	SEEDING FOR CHANNEL BOTTOM	For seeding channel bottom as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents per square yard.
709.3000	LF	SEEDING FOR VEGETATED AREA 3	For seeding vegetated Area 3 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents per linear foot.
709.3001	SY	SEEDING FOR VEGETATED AREA 3	For seeding vegetated Area 3 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents per square yard.
710.0000	EA	PLANTINGS VARIOUS SPECIES OF 3" CALIPER TREES	For planting various species of 3" caliper trees as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents each.
711.1000	EA	1'-3' TREE WELLS FURNISH & INSTALL	Furnish and Install 1' - 3' tree wells, including all incidentals according to the plans for the summ of dollars and cents each.
711.1001	SF	1'-3' TREE WELLS FURNISH & INSTALL	Furnish and Install 1' - 3' tree wells, including all incidentals according to the plans for the summ of dollars and cents per square foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
712.0001	SF	SEEDING FOR NATURAL CHANNEL BOTTOM	For seeding in channel bottom as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents per square foot.
713.1000	EA	PLANTINGS BUSHY BLUESTEM FOR REINFORCED SLOPE AREA 1	For planting Bushy Bluestem For Reinforced Slope Area 1 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents each.
713.2000	EA	PLANTINGS EASTERN GAMMA FOR REINFORCED SLOPE AREA 1	For planting Eastern Gamma For Reinforced Slope Area 1 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents each.
713.3000	EA	PLANTINGS VIRGINIA WILD RYE FOR REINFORCED SLOPE AREA 1	For planting Virginia Wild Rye For Reinforced Slope Area 1 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents each.
713.4000	EA	PLANTINGS CARDINAL FLOWER FOR REINFORCED SLOPE AREA 1	For planting Cardinal Flower For Reinforced Slope Area 1 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents each.
713.5000	EA	PLANTINGS CORAL HONEYSUCKLE FOR REINFORCED SLOPE AREA 1	For planting Coral Honeysuckle For Reinforced Slope Area 1 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
713.6000	EA	PLANTINGS WOOD FERN FOR REINFORCED SLOPE AREA 1	For planting Wood Fern For Reinforced Slope Area 1 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents each.
713.7000	EA	PLANTINGS TEXAS LANTANA FOR REINFORCED SLOPE AREA 1	For planting Texas Lantana For Reinforced Slope Area 1 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents each.
713.8000	EA	PLANTINGS TEXAS VERBENA FOR REINFORCED SLOPE AREA 1	For planting Texas Verbena For Reinforced Slope Area 1 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents each.
714.4000	EA	PLANTINGS CARDINAL FLOWER FOR REINFORCED SLOPE AREA 2	For planting Cardinal Flower For Reinforced Slope Area 2 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents each.
714.5000	EA	PLANTINGS CORAL HONEYSUCKLE FOR REINFORCED SLOPE AREA 2	For planting Coral Honeysuckle For Reinforced Slope Area 2 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of cents each.
714.6000	EA	PLANTINGS WOOD FERN FOR REINFORCED SLOPE AREA 2	For planting Wood Fern For Reinforced Slope Area 2 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
714.7000	EA	PLANTINGS TEXAS LANTANA FOR REINFORCED SLOPE AREA 2	For planting Texas Lantana For Reinforced Slope Area 2 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents each.
714.8000	EA	PLANTINGS TEXAS VERBENA FOR REINFORCED SLOPE AREA 2	For planting Texas Verbena For Reinforced Slope Area 2 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents each.
715.0001	EA	STEEL PIPE BOLLARD REMOVE & REPLACE	Remove and replace steel bollards including all necessary incidentals for the sum of dollars and cents per each.
715.0600	EA	6" STEEL PIPE BOLLARD FURNISH & INSTALL	Furnish and install 6" schedule 40 steel pipe bollard including grout filler, concrete foundation and all incidentals necessary according to the plans for the sum of dollars and cents per each.
716.1000	EA	PLANTINGS CORALBERY FOR VEGETATED AREA 3	For planting Coralbery For Vegetated Area 3 as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents each.
717.1000	EA	PLANTINGS HARDSTEM BULLRUSH FOR NATURAL BOTTOM	For planting Hardstem Bullrush for Natural Bottom as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
717.2000	EA	PLANTINGS SPIKERUSH FOR NATURAL BOTTOM	For planting Spikerush for Natural Bottom as shown on the plans and specifications unless otherwise indicated, including all incidentals necessary for the sum of dollars and cents each.
718.0100	EA	CRAPE MYRTLE, 30 GALLONS FURNISH & INSTALL	Furnish and install Crape Myrtle, 30 gallons, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents each.
718.0200	EA	COLOR GUARD YUCCA, 3 GALLONS AT 24" ON CENTERS FURNISH & INSTALL	Furnish and install Color Guard Yucca, 3 gallons at 24 inches on centers, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents each.
718.0300	EA	REGAL MIS GULF MULHY, 1 GALLON AT 18" ON CENTERS FURNISH & INSTALL	Furnish and install Regal Mis, Gulf Mulhy, 1 gallons at 18 inches on center, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents each.
718.0400	EA	MEXICAN FEATHERGRASS, 1 GALLONS AT 18" ON CENTERS FURNISH & INSTALL	Furnish and install Mexican Featuregrass, 1 gallon at 18 inches on center, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents each.
718.0500	EA	DWARF PINK GLOSSY ABELIA, 5 GALLONS AT 30" ON CENTER FURNISH & INSTALL	Furnish and install Dwarf Pink Glossy Abelia, 5 gallons at 30 inches on center, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
718.0600	EA	BLUE RUG JUNIPER, 5 GALLONS AT 24" ON CENTER FURNISH & INSTALL	Furnish and install Blue Rug Juniper 5 gallons at 24 inches on center, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents each.
718.0700	EA	ADAGIO MISCANTHUS, 5 GALLONS AT 24" ON CENTER FURNISH & INSTALL	Furnish and install Adagio Miscanthus, 5 gallons at 24 inches on center, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents each.
718.0800	EA	CABERET MISCANTHUS, 5 GALLONS AT 24" ON CENTER FURNISH & INSTALL	Furnish and install Caberet Miscanthus, 5 gallons at 24 inches on center, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents each.
718.0900	EA	KARL FOERSTER FEATHER REED GRASS, 5 GALLONS AT 18" ON CENTER FURNISH & INSTALL	Furnish and install Karl Foerster Feather Reed Grass, 5 gallons at 18 inches on center, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents each.
718.1000	EA	MEXICAN FEATHERGRASS, 1 GALLON AT 18" ON CENTER FURNISH & INSTALL	Furnish and install Mexican Feathergrass, 1 gallon at 18 inches on center, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents each.
718.9970	LF	STEEL EDGING	Furnish and install Steel Edging, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
718.9980	SF	DECORATIVE MUCH WITH FILTER FABRIC FURNISH & INSTALL	Furnish and install Decorative Mulch with Filter Fabric, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents per square foot.
718.9990	SF	BED PREPARATION & TOPMUCH	Furnish and install Landscape Bed Preparation & Topmuch, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents per square foot.
719.0000	LS	FERTILIZERS	Furnish and install Fertilizers, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the lump sum of dollars and cents.
720.0000	LS	PERMANENT MARKERS	For setting permanent markers on the new right-of-way at all property corners to be performed under the direct supervision of a Registered Professional Land Surveyor for the lump sum of dollars and cents.
720.1000	EA	UTILITY MARKERS WITH BRASS CAP IN PAVEMENT	Furnish and install utility markers with brass cap in pavement, and all incidentals necessary to complete according to the plans, specifications, and details for the sum of dollars and cents EACH.
721.0600	LF	BUS STOP PAD 6" 3000 PSI CONCRETE	Furnish and install 6 inch 3000 psi concrete bus stop pad, and all incidentals necessary to complete according to the plans, specifications, and details for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
730.0010	SY	GRAVEL DRIVES REMOVE & REPLACE	For removing, replacing and compaction of existing gravel driveway or roadway paving of the type and thickness existing or as shown in the plans for the sum of dollars and cents per square yard.
731.0010	SY	ASPH. 2" HMAC REMOVE & REPLACE	For excavating and removing street and driveway asphalt paving from existing base, replacing 2" HMAC on base which exists in field complete and in place for the sum of dollars and cents per square yard.
750.0000	SY	CREEK BOTTOM STABILIZATION	Furnish and install creek bottom stabilization including all incidentals according to the plans, specifications, and details, for the sum of dollars and cents per square yard.
760.3000	LF	BARRICADE TYPE IIII FURNISH & INSTALL	Furnish and install City of Garland Type III barricade as shown in the plans and details, complete and in place, for the sum of dollars and cents per linear foot.
761.0000	LF	BARRICADE PRECAST CONCRETE TEMPORARY	For temporary precast concrete traffic barrier according to the plans for the sum of dollars and cents per linear foot.
761.0100	LF	BARRICADE PRECAST CONCRETE TRAFFIC BARRIER TEMPORARY REMOVE & RELOCATE	For removing and relocating temporary precast concrete traffic barrier according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
762.0000	EA	CHANGEABLE MESSAGE BOARD TEMPORARY	For temporary changeable message board according to the plans for the sum of dollars and cents each.
762.0001	MOS	CHANGEABLE MESSAGE BOARD TEMPORARY	For temporary changeable message board according to the plans for the sum of dollars and cents per month.
763.1000	MOS	PORTABLE MESSAGE BOARD TEMPORARY	For temporary portable message board with message to be displayed and location determined by the plans and/ or project owner, and all incidentals necessary according to the plans for the sum of dollars and cents per month.
763.2000	MOS		For temporary portable arrow board, direction and location determined by the plans and/ or project owner, and all incidentals necessary according to the plans for the sum of cents per month.
764.0000	EA	METAL BEAM GUARD RAIL TERMINAL ANCHOR SECTION FURNISH & INSTALL	Furnish and install metal beam guard rail terminal anchor sections as shown in the plans including all incidentals according to the plans for the sum of dollars and cents each.
764.0100	EA	TxDOT GUARD RAIL TERMINAL FURNISH & INSTALL	Furnish and install TxDOT Standard Single Guardrail Terminal (Et-2000 PLUS), SGT (7)-00 as shown in the plans including all incidentals according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
764.5000	ĒΑ	QUADGUARD SYSTEM (WIDE) (TYPE B)	Furnish and install TxDOT Type "B" (wide) Quadguard System as shown in the plans including all incidentals according to the plans, specifications, and details, for the sum of dollars cents per each
765.0000	EA	SAFETY END TREATMENT	For construction of Safety End Treatment at locations including all excavation, forming, backfilling, labor, materials and equipment designated on the plans for the sum of dollars and cents each.
768.0000	LF	RAIL STRUCTURE FABRICATE & INSTALL	For fabrication and installation of the steel rail structure as shown in the plans including priming and painting for the sum of dollars and cents per linear foot.
769.0000	LF	TYPE B201 (MOD) RAILING FABRICATE & INSTALL	For fabrication and installation of Type B201 (MOD) Bicycle Railing with chain link fence as shown in the plans including all incidentals necessary for the sum of dollars and cents per linear foot.
770.0000	LF	CHAIN LINK FENCE FURNISH & INSTALL	Furnish and install chain link fence including all incidentals according to the plans for the sum of dollars and cents per linear foot.
770.0010	LF	CHAIN LINK FENCE REMOVE & REPLACE	Remove and replace chain link fence including all posts, rails, finials and all incidentals according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
770.0400	LF	CHAIN LINK FENCE 4' FURNISH & INSTALL	Furnish and install 4' chain link fence including all incidentals according to the plans for the sum of dollars and cents per linear foot.
770.0410	LF	CHAIN LINK FENCE 4' REMOVE & REPLACE	Remove and replace 4 foot chain link fence including all posts, rails, finials and all incidentals according to the plans for the sum of dollars and cents per linear foot.
770.0500	LF	CHAIN LINK FENCE 5' FURNISH & INSTALL	Furnish and install 5' chain link fence including all incidentals according to the plans for the sum of dollars and cents per linear foot.
770.0510	LF	CHAIN LINK FENCE 5' REMOVE & REPLACE	Remove and replace 5 foot chain link fence including all posts, rails, finials and all incidentals according to the plans for the sum of dollars and cents per linear foot.
770.0600	LF	CHAIN LINK FENCE 6' FURNISH & INSTALL	Furnish and install 6' chain link fence including all incidentals according to the plans for the sum of dollars and cents per linear foot.
770.0610	LF	CHAIN LINK FENCE 6' REMOVE & REPLACE	Remove and replace 6 foot chain link fence including all posts, rails, finials and all incidentals according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
770.0800 LI	F	CHAIN LINK FENCE 8' FURNISH & INSTALL	Furnish and install 8' chain link fence including all incidentals according to the plans for the sum of dollars and cents per linear foot.
770.0810 LI	F	CHAIN LINK FENCE 8' REMOVE & REPLACE	Remove and replace 8 foot chain link fence using existing fabric w/ new posts, rails, finials etc. and all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
771.0000 LI	F	CHAIN LINK FENCE TEMP. FURNISH & INSTALL	Furnish & install temporary chain link fence including all incidentals according to the plans or as approved for the sum of dollars and cents per linear foot.
771.0400 LI	F	CHAIN LINK FENCE 4' TEMP. FURNISH & INSTALL	Furnish & install 4' temporary chain link fence including all incidentals according to the plans or as approved for the sum of dollars and cents per linear foot.
771.0600 LI	F	CHAIN LINK FENCE 6' TEMP. FURNISH & INSTALL	Furnish & install 6' temporary chain link fence including all incidentals according to the plans or as approved for the sum of dollars and cents per linear foot.
771.4000 LI	F	CHAIN LINK FENCE 4' TEMP. FURNISH & INSTALL	Furnish & install 4' temporary chain link fence including all incidentals according to the plans or as approved for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
771.6000	LF	CHAIN LINK FENCE 6' TEMP. FURNISH & INSTALL	Furnish & install 6' temporary chain link fence including all incidentals according to the plans or as approved for the sum of dollars and cents per linear foot.
772.4010	LF	CHAIN LINK FENCE W/ BARBWIRE 4' REMOVE & REINSTALL	Remove and reinstall 4' chain link fencing including all posts, rails, finials, 3 strand barbed wire fixture and all incidentals according to the plans for the sum of dollars and cents per linear foot.
772.6000	LF	CHAIN LINK FENCE W/ BARBWIRE 6' FURNISH & INSTALL	Furnish & install 6' chain link fencing including all posts, rails, finials, 3 strand barbed wire fixture and all incidentals according to the plans for the sum of dollars and cents per linear foot.
772.6010	LF	CHAIN LINK FENCE W/ BARBWIRE 6' REMOVE & REINSTALL	Remove and reinstall 6' chain link fencing including all posts, rails, finials, 3 strand barbed wire fixture and all incidentals according to the plans for the sum of dollars and cents per linear foot.
772.6020	LF	CHAIN LINK FENCE W/ BARBWIRE 6' REMOVE & REINSTALL	Remove & reinstall 6'chain link vehicular or walkway gates including gate posts, barbed wire, and all other incidentals according to the plans for the sum of dollars and cents per linear foot.
773.3010	LF	WOOD FENCE 3' REMOVE & REPLACE	Remove and replace 3 foot high wood fence including all new materials, restoration of all existing gates, and all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
773.4000	ĹF	WOOD FENCE 4' FURNISH & INSTALL	Furnish and install 4 foot high wood fence including all new materials, and all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
773.4010	LF	WOOD FENCE 4' REMOVE & REPLACE	Remove and replace 4 foot high wood fence including all new materials, restoration of all existing gates, and all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
773.5010	LF	WOOD FENCE 5' REMOVE & REPLACE	Remove and replace 5 foot high wood fence including all new materials, restoration of all existing gates, and all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
773.6000	LF	WOOD FENCE 6' FURNISH & INSTALL	Furnish and install 6 foot high wood fence including all new materials, and all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
773.6010	LF	WOOD FENCE 6' REMOVE & REPLACE	Remove and replace 6 foot high wood fence including all new materials, restoration of all existing gates, and all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
773.7010	LF	WOOD FENCE 7" REMOVE & REPLACE	Remove and replace 7 foot high wood fence including new materials, restoration of all existing gates, and all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
773.8000	LF	WOOD FENCE 8' FURNISH & INSTALL	Furnish and install 8 foot high wood fence including all new materials, and all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
773.8010	LF	WOOD FENCE 8' REMOVE & REPLACE	Remove and replace 8 foot high wood fence including new materials, restoration of all existing gates, and all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
774.0000	LF	IRON FENCE FURNISH & INSTALL	Furnish and install iron fence, including all new materials, restoration of all existing gates, and all incidentals necessary according to the plans for the sum of cents per linear foot.
775.0000	LF	LIVESTOCK FENCE FURNISH & INSTALL	Furnish and install livestock or barbed wire fence, including all new materials, restoration of all existing gates, and all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
775.0010	LF	LIVESTOCK FENCE REMOVE & REPLACE	Removal and replace livestock fence including all post, rails, and all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
775.0020	LF	TEMPORARY LIVESTOCK FENCE FURNISH & INSTALL	Furnish and install temporary livestock fence, including all new materials, restoration of all existing gates, and all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
775.5000	ĒΑ	METAL GATE 5 PANEL FURNISH & INSTALL	Furnish and install 5-panel aluminum or galvanized metal gate including gate posts, all hardware and latching or locking devices, and all incidentals according to the plans for the sum of dollars and cents each.
776.0020	LF	WELDED PIPE FENCE REMOVE & RELOCATE	For removal, salvage and reinstallation of existing welded pipe fence according to the plans for the sum of cents per linear foot.
777.0000	EA	CHAIN LINK GATES FURNISH & INSTALL	Furnish and install chain link vehicular or walkway gates including gate posts, all hardware and latching or locking devices and all incidentals according to the plans for the sum of dollars and cents each.
777.0010	EA	CHAIN LINK GATES REMOVE & REPLACE	Remove and replace chain link vehicular or walkway gates including gate posts, all hardware and latching or locking devices and all incidentals according to the plans for the sum of dollars and cents each.
777.0310	EA	CHAIN LINK GATES 3' REMOVE & REPLACE	Remove and replace 3 foot chain link vehicular or walkway gates including gate posts, all hardware and latching or locking devices and all incidentals according to the plans for the sum of dollars and cents each.
777.0410	EA	CHAIN LINK GATES 4' REMOVE & REPLACE	Remove and replace 4 foot chain link vehicular or walkway gates including gate posts, all hardware and latching or locking devices and all incidentals according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
777.0610	EA	CHAIN LINK GATES 6' REMOVE & REPLACE	Remove and replace 6 foot chain link vehicular or walkway gates including gate posts, all hardware and latching or locking devices and all incidentals according to the plans for the sum of dollars and cents each.
777.0800	EA	CHAIN LINK GATES 8' FURNISH & INSTALL	Furnish and install 8 foot chain link vehicular or walkway gates including gate posts, all hardware and latching or locking devices and all incidentals according to the plans for the sum of cents each.
777.0810	EA	CHAIN LINK GATES 8' REMOVE & REPLACE	Remove and replace 8 foot chain link vehicular or walkway gates including gate posts, all hardware and latching or locking devices and all incidentals according to the plans for the sum of cents each.
778.0010	LF	SPLIT RAIL WOOD FENCE REMOVE & RELOCATE	Removal and relocate split rail wood fence including all post, rails, and all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
779.0010	LF	WROUGHT IRON FENCE REMOVE & REPLACE	Remove and replace wrought iron fence, including all existing gates, post, rails, finials and all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
780.0000	LS	MOBILIZATION TS-5000	For mobilization of personnel, equipment and supplies at the project site in accordance with technical specification TS-5000, complete and in place for the lump sum of dollars and cents.

2/7/2014

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
781.0000	LF	CHAIN LINK AND WOOD FENCES REMOVE AND REPLACE	Remove and replace variable height chain link and wood fences, for the sum of dollars and cents per linear foot.
782.0000	LF	METAL BEAM GUARD FENCE FURNISH & INSTALL	Furnish and install metal beam guard fence (MBGF-03A) including all new materials, and all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
783.0000	SY	WOOD DECK CONSTRUCT/ REPAIR/ REPLACE	Construct Repair or Replace wood deck, for the sum of dollars and cents per square yard.
784.0020	LF	PVC FENCE REMOVE & RELOCATE	Remove and relocate PVC fence, including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
784.6010	LF	6' PVC FENCE REMOVE SALVAGE & REPLACE	Remove salvage and replace 6' PVC fence, including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
785.0600	EA	WOOD SLIDING GATE FURNISH & INSTALL	Furnish and install 6' wood sliding gate, including all materials, and all other incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
787.1010	SY	CONCRETE DECK REMOVE & REPLACE	Construct Repair or Replace concrete deck, for the sum of dollars and cents per square yard.
790.0000	EA	SIGN REMOVE & REINSTALL	For the removal and reinstallation of an existing lighted sign including new base, electrical service and all incidentals according to the plans for the sum of dollars and cents each.
790.1000	EA	TRAFFIC SIGN REMOVE & REINSTALL	For the removal and reinstallation of an existing traffic sign including all incidentals according to the plans for the sum of dollars and cents each.
790.2000	LS	SIGN LIGHTING & OTHER RELATED ELECTICAL	Furnish and install Sign Lighting and Other Related Electrical, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the lump sum of dollars and cents
790.2001	LS	SIGN LIGHTING & OTHER RELATED ELECTICAL	ALLOWANCE NO. 1 - Include an allowance of FIFTY THOUSAND DOLLARS AND 00/100 cents for the cost of providing materials, labor, equipment and incidentals for providing the electrical service to irrigation controllers and monument sign lighting to be defined on drawings and specifications to be provided to the Contractor after award of bid. The allowance shall be included by the Contractor in the base bid.
790.3000	LS	CITY' S ENTRY FEATURE SIGN	Furnish and install City's Entry Feature Sign, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the lump sum of cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
790.3001 L		CITY' S ENTRY FEATURE SIGN	ALLOWANCE NO. 2 - Include an allowance of TWENTY-FIVE THOUSAND DOLLARS AND 00/100 cents for the cost of providing materials, labor, equipment and incidentals for the installation of the City's entryway monument sign to be defined on the drawings and specifications to be provided to the Contractor after award of bid. This allowance shall be included by the Contractor in the base bid.
792.0000 E	ĒΑ	PAINT STRUCTURES	For painting of existing metal structures including all incidentals necessary according to the plans for the sum of cents each.
793.0010 E		MAILBOXES REMOVE & REINSTALL	For removing salvaging and reinstalling existing rural type mailboxes according to the plans for the sum of cents each.
793.1000 E	ĒΑ	MAILBOXES TEMPORARY	For providing temporary mail boxes with individual addresses at central locations as determined by the City, complete and in place, for the sum of dollars and cents each.
793.2000 L		6' CHAIN LINK FENCE TEMPORARY	For providing temporary 6' chain link fence, for the sum of dollars and cents per linear foot.
794.0000 E		TRENCH SAFETY FOR SITE SPECIFIC ENGINEERED FURNISH & INSTALL	Furnish and install complete trench safety for site specific engineered including all incidentals necessary according to the specifications, details, and State and Federal regulations for the sum of dollars and cents EACH.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
795.0000	EA	TIMBER GUARD POST FURNISH & INSTALL	Furnish and install penta treated S.Y.P. timber guard post and all incidentals necessary according to the plans, specifications and details for the sum of dollars and cents each.
796.0000	EA	DART CROSSING UTILITY MARKER SIGN	Furnish and Install DART Crossing Utility Marker Sign as detailed in the specifications including all incidentals necessary according to the plans for the sum of dollars and cents each.
797.0000	EA	CAPITAL IMPROVEMENTS SIGNS FURNISH & INSTALL	For Capital Improvements signs as shown on the plans and installed according to the plans for the sum of dollars and cents each.
798.0000	LS	EROSION CONTROL	For all erosion control activities incuding devices, methods, temporary seeding, installation, maintenance, removal, etc., and all incidentals necessary according to the plans for the lump sum of dollars and cents.
798.1000	SY	EROSION CONTROL MAT WITH GROUND COVER	For all erosion control activities incuding devices, methods, temporary seeding, installation, maintenance, removal, etc., and all incidentals necessary according to the plans for the lump sum of dollars and cents.
798.2000	SY	TEMPORARY STABILIZATION	Furnish and install temporary stabilization for erosion control according to the plans and specifications, complete and in place, for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
799.1000	EA	LOCATOR BALL FURNISH & INSTALL	Furnish and install loactor ball, and all incidentals necessary to complete according to the plans, specifications, and details for the sum of
			dollars and cents EACH.
800.1200	LF		Furnish and install 12 inch Class III RCP storm sewer pipe in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
800.1500	LF	CLASS III FURNISH & INSTALL	Furnish and install 15 inch Class III RCP storm sewer pipe in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
800.1800	LF	CLASS III FURNISH & INSTALL	Furnish and install 18 inch Class III RCP storm sewer pipe in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
800.2100	LF	CLASS III FURNISH & INSTALL	Furnish and install 21 inch Class III RCP storm sewer pipe in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
800.2400	LF	CLASS III FURNISH & INSTALL	Furnish and install 24 inch Class III RCP storm sewer pipe in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
800.2700	LF	STORM SEWER 27" RCP CLASS III FURNISH & INSTALL	Furnish and install 27 inch Class III RCP storm sewer pipe in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
800.3000	LF	STORM SEWER 30" RCP CLASS III FURNISH & INSTALL	Furnish and install 30 inch Class III RCP storm sewer pipe in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
800.3300	LF	STORM SEWER 33" RCP CLASS III FURNISH & INSTALL	Furnish and install 33 inch Class III RCP storm sewer pipe in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
800.3600	LF		Furnish and install 36 inch Class III RCP storm sewer pipe in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
800.3900	LF		Furnish and install 39 inch Class III RCP storm sewer pipe in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
800.4200	LF		Furnish and install 42 inch Class III RCP storm sewer pipe in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
800.4500	LF	STORM SEWER 45" RCP CLASS III FURNISH & INSTALL	Furnish and install 45 inch Class III RCP storm sewer pipe in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
800.4800	LF	STORM SEWER 48" RCP CLASS III FURNISH & INSTALL	Furnish and install 48 inch Class III RCP storm sewer pipe in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
800.5100	LF	STORM SEWER 51" RCP CLASS III FURNISH & INSTALL	Furnish and install 51 inch Class III RCP storm sewer pipe in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
800.5400	LF		Furnish and install 54 inch Class III RCP storm sewer pipe in variable depth trench including all incidentals necessay according to the plans for the sum of dollars and cents per linear foot.
800.6000	LF		Furnish and install 60 inch Class III RCP storm sewer pipe in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
800.6600	LF	STORM SEWER 66" RCP CLASS IIIFURNISH & INSTALL	Furnish and install 66 inch Class III RCP storm sewer pipe in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
800.7200	LF	STORM SEWER 72" RCP CLASS III FURNISH & INSTALL	Furnish and install 72 inch Class III RCP storm sewer pipe in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
801.1200	LF	STORM SEWER 12" RCP CLASS IV FURNISH & INSTALL	Furnish and install 12 inch Class IV RCP storm sewer pipe in variable depth trench including all incidentals necessay according to the plans for the sum of dollars and cents per linear foot.
801.2100	LF	STORM SEWER 21" RCP CLASS IV FURNISH & INSTALL	Furnish and install 21 inch Class IV RCP storm sewer pipe in variable depth trench including all incidentals necessay according to the plans for the sum of dollars and cents per linear foot.
801.2400	LF	CLASS IV FURNISH & INSTALL	Furnish and install 24 inch Class IV RCP storm sewer pipe in variable depth trench including all incidentals necessay according to the plans for the sum of dollars and cents per linear foot.
801.2700	LF	27" RCP CLASS IV RCP	Furnish and install 27 inch Class IV RCP storm sewer pipe in variable depth trench including all incidentals necessay according to the plans for the sum of dollars and cents per linear foot.
801.3000	LF	STORM SEWER 30" RCP CLASS IV FURNISH & INSTALL	Furnish and install 30 inch Class IV RCP storm sewer pipe in variable depth trench including all incidentals necessay according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
801.3300	LF	STORM SEWER 33" RCP CLASS IV FURNISH & INSTALL	Furnish and install 33 inch Class IV RCP storm sewer pipe in variable depth trench including all incidentals necessay according to the plans for the sum of dollars and cents per linear foot.
801.3600	LF	STORM SEWER 36" RCP CLASS IV FURNISH & INSTALL	Furnish and install 36 inch Class IV RCP storm sewer pipe in variable depth trench including all incidentals necessay according to the plans for the sum of dollars and cents per linear foot.
801.3900	LF	STORM SEWER 39" RCP CLASS IV FURNISH & INSTALL	Furnish and install 39 inch Class IV RCP storm sewer pipe in variable depth trench including all incidentals necessay according to the plans for the sum of dollars and cents per linear foot.
801.4200	LF	CLASS IV FURNISH & INSTALL	Furnish and install 42 inch Class IV RCP storm sewer pipe in variable depth trench including all incidentals necessay according to the plans for the sum of dollars and cents per linear foot.
801.4800	LF		Furnish and install 48 inch Class IV RCP storm sewer pipe in variable depth trench including all incidentals necessay according to the plans for the sum of dollars and cents per linear foot.
801.5400	LF		Furnish and install 54 inch Class IV RCP storm sewer pipe in variable depth trench including all incidentals necessay according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
801.6000	LF	STORM SEWER 60" RCP CLASS IV FURNISH & INSTALL	Furnish and install 60 inch Class IV RCP storm sewer pipe in variable depth trench including all incidentals necessay according to the plans for the sum of dollars and cents per linear foot.
801.6600	LF	STORM SEWER 66" RCP CLASS IV FURNISH & INSTALL	Furnish and install 66 inch Class IV RCP storm sewer pipe in variable depth trench including all incidentals necessay according to the plans for the sum of dollars and cents per linear foot.
802.6000	LF	RCP 60" CLASS V FURNISH & INSTALL	Furnish and install 60 inch Class V RCP storm sewer pipe including all incidentals according to the plans for the sum of dollars and cents per linear foot.
803.2460	LF	STORM SEWER 24" CGMP INSTALL & REMOVE	For the installation and removal of a temporary 24" corrugated metal pipe including all incidentals necessary for the sum of dollars and cents per linear foot.
803.4260	LF	STORM SEWER 42" CGMP INSTALL & REMOVE	For the installation and removal of a temporary 42" corrugated metal pipe including all incidentals necessary for the sum of dollars and cents per linear foot.
803.6060	LF	STORM SEWER 60" CGMP INSTALL & REMOVE	For the installation and removal of a temporary 60" corrugated metal pipe including all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
803.6660	LF	STORM SEWER 66" CGMP INSTALL & REMOVE	For the installation and removal of a temporary 66" corrugated metal pipe including all incidentals necessary for the sum of dollars and cents per linear foot.
805.1800	LF	STORM SEWER 18" CONTECH A-2000 F949 PVC FURNISH & INSTALL	Furnish and install 18 inch CONTECH A-2000 F949 PVC storm sewer pipe in variable dept trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
805.2100	LF	STORM SEWER 21" CONTECH A-2000 F949 PVC FURNISH & INSTALL	Furnish and install 21 inch CONTECH A-2000 F949 PVC storm sewer pipe in variable dept trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
805.2400	LF	STORM SEWER 24" CONTECH A-2000 F949 PVC FURNISH & INSTALL	Furnish and install 24 inch CONTECH A-2000 F949 PVC storm sewer pipe in variable dept trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
805.3000	LF	STORM SEWER 30" CONTECH A-2000 F949 PVC FURNISH & INSTALL	Furnish and install 30 inch CONTECH A-2000 F949 PVC storm sewer pipe in variable dept trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
806.1800	LF	STORM SEWER 18" CONTECH ULTRA FLO ALSRMP FURNISH & INSTALL	Furnish and install 18 inch CONTECH ULTRA FLO ALSRMP storm sewer pipe in variable dept trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
806.2100	LF	STORM SEWER 21" CONTECH ULTRA FLO ALSRMP FURNISH & INSTALL	Furnish and install 21 inch CONTECH ULTRA FLO ALSRMP storm sewer pipe in variable dept trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
806.2400	LF	STORM SEWER 24" CONTECH ULTRA FLO ALSRMP FURNISH & INSTALL	Furnish and install 24 inch CONTECH ULTRA FLO ALSRMP storm sewer pipe in variable dept trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
806.3000	LF	STORM SEWER 30" CONTECH ULTRA FLO ALSRMP FURNISH & INSTALL	Furnish and install 30 inch CONTECH ULTRA FLO ALSRMP storm sewer pipe in variable dept trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
808.1200	LF	12" PVC FURNISH AND INSTALL	Furnish and install 12 inch PVC storm sewer pipe in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
809.0000	EA	PLUG EXISTING RCP	For furnishing all materials, labor and equipment to plug existing reinforced concrete pipe, complete for the sum of dollars and cents each.
809.6000	EA	PLUG EXISTING 60" RCP	For furnishing all materials, labor and equipment to plug existing 60 inch reinforced concrete pipe, complete for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
810.0500	EA	CURB INLET 5' STANDARD 3000 PSI CONSTRUCT	Construct 5 foot, 3000 PSI concrete standard curb inlet including all excavation, reinforcement, backfilling and all other incidentals necessary according to the plans for the sum of cents each.
810.0600	EA	CURB INLET 6' STANDARD 3000 PSI CONSTRUCT	Construct 6 foot, 3000 PSI concrete standard curb inlet including all excavation, reinforcement, backfilling and all other incidentals necessary according to the plans for the sum of cents each.
810.1000	EA	CURB INLET 10' STANDARD 3000 PSI CONSTRUCT	Construct 10 foot, 3000 PSI concrete standard curb inlet including all excavation, reinforcement, backfilling and all other incidentals necessary according to the plans for the sum of cents each.
810.1010	EA	CURB INLET 10' STANDARD 3000 PSI DEEP SET CONSTRUCT	Construct 10 foot, 3000 PSI concrete standard curb inlet (DEEP SET) including all excavation, reinforcement, backfilling and all other incidentals necessary according to the plans for the sum of dollars and cents each.
810.1500	EA	CURB INLET 15' STANDARD 3000 PSI CONSTRUCT	Construct 15 foot, 3000 PSI concrete standard curb inlet including all excavation, reinforcement, backfilling and all other incidentals necessary according to the plans for the sum of cents each.
810.2000	EA	CURB INLET 20' STANDARD 3000 PSI CONSTRUCT	Construct double 10 foot, 3000 PSI concrete standard curb inlet including all excavation, reinforcement, backfilling and all other incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
811.0500	EA	CURB INLET 5' RECESSED 3000 PSI CONSTRUCT	Construct 5 foot, 3000 PSI concrete recessed curb inlet including all excavation, reinforcement, backfilling and all other incidentals necessary according to the plans for the sum of dollars and cents each.
811.0600	EA	CURB INLET 6' RECESSED 3000 PSI CONSTRUCT	Construct 6 foot, 3000 PSI concrete recessed curb inlet including all excavation, reinforcement, backfilling and all other incidentals necessary according to the plans for the sum of cents each.
811.0800	EA	CURB INLET 8' RECESSED 3000 PSI CONSTRUCT	Construct 8 foot, 3000 PSI concrete recessed curb inlet including all excavation, reinforcement, backfilling and all other incidentals necessary according to the plans for the sum of cents each.
811.1000	EA	CURB INLET 10' RECESSED 3000 PSI CONSTRUCT	Construct 10 foot, 3000 PSI concrete recessed curb inlet including all excavation, reinforcement, backfilling and all other incidentals according to the plans for the sum of dollars and cents each.
811.1010	EA	CURB INLET 10' RECESSED 3000 PSI DEEP SET CONSTRUCT	Construct 10 foot, 3000 PSI concrete recessed curb inlet (DEEP SET) including all excavation, reinforcement, backfilling and all other incidentals according to the plans for the sum of cents each.
811.1500	EA	CURB INLET 15' RECESSED 3000 PSI CONSTRUCT	Construct 15 foot, 3000 PSI concrete recessed curb inlet including all excavation, reinforcement, backfilling and all other incidentals necessary according to the plans for the sum of cents each.

2/7/2014

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
811.1510	ÞΕΑ	CURB INLET 15' RECESSED 3000 PSI DEEP SET CONSTRUCT	Construct 15 foot, 3000 PSI concrete recessed curb inlet (DEEP SET) including all excavation, reinforcement, backfilling and all other incidentals necessary according to the plans for the sum of dollars and cents each.
811.2000	EA	CURB INLET 20' RECESSED 3000 PSI CONSTRUCT	Construct double 10 foot, 3000 PSI concrete recessed curb inlet including all excavation,reinforcement, backfilling and all other incidentals necessary according to the plans for the sum of dollars and cents each.
811.3000	EA	CURB INLET 30' RECESSED 3000 PSI CONSTRUCT	Construct double 15 foot, 3000 PSI concrete recessed curb inlet including all excavation, reinforcement, backfilling and all other incidentals necessary according to the plans for the sum of dollars and cents each.
812.0100	EA	GRATE INLET 3000 PSI CONSTRUCT	For construction of one grate inlet of 3000 PSI reinforced concrete including all incidentals according to the plans for the sum of dollars and cents each.
812.0900	EA	NINE GRATE INLET 3000 PSI CONSTRUCT	Construct 3000 PSI reinforced concrete nine grate inlet of the size and depth shown in the plans including all other incidentals necessary to complete according to the plans for the sum of dollars and cents each.
812.1000	EA	TEN GRATE INLET 3000 PSI CONSTRUCT	Construct 3000 PSI reinforced concrete ten grate inlet of the size and depth shown in the plans including all other incidentals necessary to complete according to the plans for the sum of dollars and cents each.

2/7/2014

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
812.1100	EA	ELEVEN GRATE INLET 3000 PSI CONSTRUCT	Construct 3000 PSI reinforced concrete eleven grate inlet of the size and depth shown in the plans including all other incidentals necessary to complete according to the plans for the sum of dollars and cents each.
812.2000	EA	TWO GRATE INLET 3000 PSI CONSTRUCT	Construct 3000 PSI reinforced concrete two grate inlet of the size and depth shown in the plans including all other incidentals necessary to complete according to the plans for the sum of dollars and cents each.
812.2200	EA	TWO GRATE COMBO INLET 3000 PSI CONSTRUCT	Construct 3000 PSI reinforced concrete two grate combination inlet of the size and depth shown in the plans including all other incidentals necessary to complete according to the plans for the sum of dollars and cents each.
812.3000	EA	THREE GRATE INLET 3000 PSI CONSTRUCT	Construct 3000 PSI reinforced concrete three grate inlet of the size and depth shown in the plans including all other incidentals necessary to complete according to the plans for the sum of dollars and cents each.
812.3300	EA	THREE GRATE COMBO INLET 3000 PSI CONSTRUCT	Construct 3000 PSI reinforced concrete three grate combination inlet of the size and depth shown in the plans including all other incidentals necessary to complete according to the plans for the sum of dollars and cents each.
812.4000	EA	FOUR GRATE INLET 3000 PSI CONSTRUCT	Construct 3000 PSI reinforced concrete four grate inlet of the size and depth shown in the plans including all other incidentals necessary to complete according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
812.5000	EA	TWO GRATE ALLEY INLET 3000 PSI CONSTRUCT	Construct two grate alley inlet including all incidentals according to the plans for the sum of dollars and cents each.
812.6000	EA	THREE GRATE COMBO INLET 3000 PSI CONSTRUCT	Construct 3000 PSI reinforced concrete three grate combination inlet of the size and depth shown in the plans including all other incidentals necessary to complete according to the plans for the sum of dollars and cents each.
812.7000	EA	SIX GRATE INLET 3000 PSI CONSTRUCT	Construct 3000 PSI reinforced concrete six grate inlet of the size and depth shown in the plans including all other incidentals necessary to complete according to the plans for the sum of dollars and cents each.
812.8000	EA	FOUR GRATE COMBO INLET 3000 PSI CONSTRUCT	Construct 3000 PSI reinforced concrete four grate combination inlet of the size and depth shown in the plans including all other incidentals necessary to complete according to the plans for the sum of dollars and cents each.
813.1000	EA	INLET TYPE I "Y" 3000 PSI CONSTRUCT	Construct 3000 PSI reinforced concrete type I "Y" inlet of the size and depth shown in the plans including all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
813.2000	EA	INLET TYPE II "Y" 3000 PSI CONSTRUCT	Construct 3000 PSI reinforced concrete type II "Y" inlet of the size and depth shown in the plans including all other incidentals necessary to complete according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
816.1000	EA	CURB INLET 10' STANDARD 3000 PSI ADD-ON CONSTRUCT	Construct 10 foot, 3000 PSI concrete standard inlet connected to existing inlet including all incidentals according to the plans for the sum of dollars and cents each.
817.0000	EA	CURB INLET 10' STANDARD 3000 PSI IN ALLEY CONSTRUCT	Construct 10 foot 3000 PSI concrete standard inlet in alley including all excavation, reinforcement, backfilling and all incidentals according to the plans for the sum of dollars and cents each.
818.0500	EA	INLET TYPE II 5' CURB & GRATE 3000 PSI CONSTRUCT	Construct 5 foot 3000 PSI reinforced concrete type II curb and grate inlet of the size and depth shown in the plans including all other incidentals necessary to complete according to the plans for the sum of dollars and cents each.
818.1000	EA	INLET TYPE II 10' CURB & GRATE 3000 PSI CONSTRUCT	Construct 10 foot 3000 PSI reinforced concrete type II curb and grate inlet of the size and depth shown in the plans including all other incidentals necessary to complete according to the plans for the sum of dollars and cents each.
818.1500	EA	INLET TYPE II 15' CURB & GRATE 3000 PSI CONSTRUCT	Construct 15 foot 3000 PSI reinforced concrete type II curb and grate inlet of the size and depth shown in the plans including all other incidentals necessary to complete according to the plans for the sum of dollars and cents each.
819.0050	EA	5' CURB INLET WITH 5' EXTENSION CONSTRUCT	Construct 5 foot TxDOT Type II curb inlet and 5 foot extension including all excavation, forming, reinforcing steel, backfilling and all incidentals according to the plans for the sum of cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
819.3000	EA	NYLOPLAST 30" DOME GRATE CONSTRUCT	Construct 30 inch nyloplast dome grate and frame inlet including all incidentals according to the plans for the sum of dollars and cents each.
820.0510	EA	INLET TOP 5' REMOVE & REPLACE	For removing an existing damaged top for a 5 foot wide inlet to the bottom of the throat paving, and replacing it with a new inlet top of 3000 psi compressive strength concrete for the sum of dollars and cents each.
820.1010	EA	INLET TOP 10' REMOVE & REPLACE	For removing an existing damaged top for a 10 foot wide inlet to the bottom of the throat paving, and replacing it with a new inlet top of 3000 psi compressive strength concrete for the sum of dollars and cents each.
820.1510	EA	INLET TOP 15' REMOVE & REPLACE	For removing an existing damaged top for a 15 foot wide inlet to the bottom of the throat paving, and replacing it with a new inlet top of 3000 psi compressive strength concrete for the sum of dollars and cents each.
820.2010	EA	INLET TOP 20' REMOVE & REPLACE	For removing an existing damaged top for a 20 foot wide inlet to the bottom of the throat paving, and replacing it with a new inlet top of 3000 psi compressive strength concrete for the sum of dollars and cents each.
821.1010	EA	INLET TOP TYPE I "Y" REMOVE & REPLACE	For removing an existing damaged top for a Type I "Y" inlet to the bottom of the throat paving, and replacing it with a new inlet top of 3000 psi compressive strength concrete for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
821.2010	EA	INLET TOP TYPE II "Y" REMOVE & REPLACE	For removing an existing damaged top for a Type II "Y" inlet to the bottom of the throat paving, and replacing it with a new inlet top of 3000 psi compressive strength concrete for the sum of dollars and cents each.
822.0500	EA	CURB INLET 5' TO JUNCTION BOX CONVERT	Convert 5' curb inlet to junction box, including all incidentals necessary according to the plans for the sum of dollars and cents each.
823.0000	VF	ADD EXTRA DEPTH TO VARIOUS TYPE OF INLETS	Add extra depth to various type of inlets all according to the plans, specifications and details for the sum of dollars and cents per vertical foot.
824.1005	EA	PLUG EXISTING 10x05 RCB	For furnishing all materials, labor and equipment to plug existing reinforced concrete box, complete for the sum of cents each.
825.0000	EA	COLLARS CONCRETE FURNISH AND INSTALL	Furnish and install concrete collars all according to the plans for the sum of dollars and cents each.
830.0500	SY	CHANNEL PAVING 5" INCLUDE ROCK & BACKFILL CONSTRUCT	Construct 5" 3000 PSI reinforced conc. channel paving including rock embedment and all incidentals necessary to complete according to the plans for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
830.0600	SY	CHANNEL PAVING 6" INCLUDE ROCK & BACKFILL CONSTRUCT	Construct 6" 3000 PSI reinforced conc.channel paving including all rock or granular embedment and all incidentals necessary to complete according to the plans for the sum of dollars and cents per square yard.
830.1200	SY	CHANNEL PAVING 12" INCLUDE ROCK & BACKFILL CONSTRUCT	Construct 12" 3000 PSI reinforced conc.channel paving including all rock or granular embedment and all incidentals necessary to complete according to the plans for the sum of dollars and cents per square yard.
831.0000	SF	ARTICULATED CONCRETE BLOCKS FURNISH AND INSTALL	Furnish and Install Articulated Concrete Blocks including all incidentals necessary to complete according to the plans for the sum of dollars and cents per square feet.
832.0000	SF	CONCRETE SEGMENTAL RETAINING WALL FURNISH AND INSTALL	Furnish and Install Concrete Segmental Retaining Wall including all incidentals necessary to complete according to the plans for the sum of dollars and cents per square feet.
832.1000	SF	CONCRETE SEGMENTAL RETAINING WALL IN SMALL BLOCK FURNISH AND INSTALL	Furnish and Install Concrete Segmental Retaining Wall in small block including all incidentals necessary to complete according to the plans for the sum of dollars and cents per square feet.
835.0400	EA	STORM SEW MANHOLE 4' DIA CONSTRUCT	Construct standard 4 foot diameter precast or cast in place storm sewer manhole, including all incidentals necessary to complete according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
835.0500	EΑ		Construct standard 5 foot diameter precast or cast in place storm sewer manhole, including all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
835.0600	EA	DIA CONSTRUCT	Construct standard 6 foot diameter precast or cast in place storm sewer manhole, including all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
836.0000	CY	MANHOLE TXDOT TYPE "M" 3600 PSI CONST.	Construct one (1) TxDOT Type "M" manholes (MH-M) to be constructed of 3600 psi reinforced concrete for the sum of dollars and cents per cubic yard.
837.0000	EA	"B" CONSTRUCT	Construct standard type "B" precast or cast in place storm sewer manhole, including all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
837.1000	EA	TYPE "B" CONSTRUCT	Construct standard seal type "B" precast or cast in place storm sewer manhole, including all incidentals necessary to complete according to the plans for the sum of dollars and cents each.
840.0000	CY		Construct a storm sewer manhole with cast in place riser, including all incidentals necessary to complete according to the plans for the sum of dollars and cents per cubic yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
850.0000	CY	TYPE I JUNCTION BOX 3000 PSI CONCRETE CONSTRUCT	Construct 3000 PSI reinforced type I junction box for storm sewer including all incidentals necessary to complete according to the plans for the sum of dollars and cents per cubic yard.
851.0000	СҮ	TYPE II JUNCTION BOX 3000 PSI CONCRETE CONSTRUCT	Construct 3000 PSI reinforced type II junction box for storm sewer including all incidentals necessary to complete according to the plans for the sum of dollars and cents per cubic yard.
852.0000	EA	TYPE "M" STORM SEWER MANHOLE CONSTRUCT	Construct concrete type "M" storm sewer manhole including reinforcement and all incidentals according to the details and specifications for the sum of dollars and cents each.
853.0000	CY	STANDARD JUNCTION BOX 3000 PSI CONCRETE CONSTRUCT	Construct 3000 PSI standard junction box for storm sewer including all incidentals necessary to complete according to the plans for the sum of dollars and cents per cubic yard.
853.0804	CY	STANDARD JUNCTION BOX 3000 PSI CONCRETE 8' x 4' CONSTRUCT	Construct 3000 PSI standard 8' x 4' junction box for storm sewer including all incidentals necessary to complete according to the plans for the sum of dollars and cents per cubic yard.
853.0806	СҮ	STANDARD JUNCTION BOX 3000 PSI CONCRETE 8' x 6' CONSTRUCT	Construct 3000 PSI standard 8' x 6' junction box for storm sewer including all incidentals necessary to complete according to the plans for the sum of dollars and cents per cubic yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
853.0906	CY	STANDARD JUNCTION BOX 3000 PSI CONCRETE 9' x 6' CONSTRUCT	Construct 3000 PSI standard 9' x 6' junction box for storm sewer including all incidentals necessary to complete according to the plans for the sum of dollars and cents per cubic yard.
853.1000	CY	STANDARD JUNCTION BOX 4200 PSI CONCRETE CONSTRUCT	Construct 4200 PSI standard junction box for storm sewer including all incidentals necessary to complete according to the plans for the sum of dollars and cents per cubic yard.
853.1104	CY	STANDARD JUNCTION BOX 3000 PSI CONCRETE 11' x 4' CONSTRUCT	Construct 3000 PSI standard 11' x 4' junction box for storm sewer including all incidentals necessary to complete according to the plans for the sum of dollars and cents per cubic yard.
853.9999	CY	CLASS B CONCRETE JUNCTION BOX CONSTRUCT	Construct class B concrete junction box for storm sewer including all incidentals necessary to complete according to the plans for the sum of dollars and cents per cubic yard.
854.1000	EA	NO. 1 JUNCTION BOX CONSTRUCT	Construct concrete junction box No. 1 including reinforcement and all incidentals according to the details and specifications for the sum of dollars and cents each.
854.1508	EA	JUNCTION BOX 15' X 08' CONSTRUCT	Construct concrete junction box 15' x 08' including reinforcement and all incidentals according to the details and specifications for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
854.2000	EΑ	NO. 2 JUNCTION BOX CONSTRUCT	Construct concrete junction box No. 2 including reinforcement and all incidentals according to the details and specifications for the sum of dollars and cents each.
860.0000	LF	BOX CULVERT' x' FURNISH & INSTALL	Furnish and install' x' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.0303	LF	BOX CULVERT 3' x 3' FURNISH & INSTALL	Furnish and install 3' x 3' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.0304	LF	BOX CULVERT 3' x 4' FURNISH & INSTALL	Furnish and install 3' x 4' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.0402	LF	BOX CULVERT 04' x 02' FURNISH & INSTALL	Furnish and install 04' x 02' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.0403	LF	BOX CULVERT 04' x 03' FURNISH & INSTALL	Furnish and install 04' x 03' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
860.0404	LF	BOX CULVERT 4' x 4' FURNISH & INSTALL	Furnish and install 4' x 4' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.0502	LF	BOX CULVERT 5' x 2' FURNISH & INSTALL	Furnish and install 5' x 2' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.0503	LF	BOX CULVERT 5' x 3' FURNISH & INSTALL	Furnish and install 5' x 3' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.0504	LF	BOX CULVERT 5' x 4' FURNISH & INSTALL	Furnish and install 5' x 4' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.0505	LF	BOX CULVERT 5' x 5' FURNISH & INSTALL	Furnish and install 5' x 5' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.0602	LF	BOX CULVERT 6' x 5' FURNISH & INSTALL	Furnish and install 6' x 2' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
860.0603	LF	BOX CULVERT 6' x 3' FURNISH & INSTALL	Furnish and install 6' x 3' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.0604	LF	BOX CULVERT 6' x 4' FURNISH & INSTALL	Furnish and install 6' x 4' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.0605	LF	BOX CULVERT 6' x 5' FURNISH & INSTALL	Furnish and install 6' x 5' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.0606	LF	BOX CULVERT 6' x 6' FURNISH & INSTALL	Furnish and install 6' x 6' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.0702	LF	BOX CULVERT 7' x 2' FURNISH & INSTALL	Furnish and install 7' x 2' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.0704	LF	BOX CULVERT 7' x 4' FURNISH & INSTALL	Furnish and install 7' x 4' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
860.0804	LF	BOX CULVERT 8' x 4' FURNISH & INSTALL	Furnish and install 8' x 4' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.0805	LF	BOX CULVERT 8' x 5' FURNISH & INSTALL	Furnish and install 8' x 5' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.0806	LF	BOX CULVERT 8' x 6' FURNISH & INSTALL	Furnish and install 8' x 6' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.0904	LF	BOX CULVERT 9' x 4' FURNISH & INSTALL	Furnish and install 9' x 4' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.0905	LF	BOX CULVERT 9' x 5' FURNISH & INSTALL	Furnish and install 9' x 5' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.0908	LF	BOX CULVERT 9' x 8' FURNISH & INSTALL	Furnish and install 9' x 8' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
860.1004	LF	BOX CULVERT 10' x 4' FURNISH & INSTALL	Furnish and install 10' x 4' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.1005	LF	BOX CULVERT 10' x 5' FURNISH & INSTALL	Furnish and install 10' x 5' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.1006	LF	BOX CULVERT 10' x 06' FURNISH & INSTALL	Furnish and install 10' x 06' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.1007	LF	BOX CULVERT 10' x 07' FURNISH & INSTALL	Furnish and install 10' x 07' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.1009	LF	BOX CULVERT 10' x 9' FURNISH & INSTALL	Furnish and install 10' x 9' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.1010	LF	BOX CULVERT 10' x 10' FURNISH & INSTALL	Furnish and install 10' x 10' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
860.1104	LF	BOX CULVERT 11' x 4' FURNISH & INSTALL	Furnish and install 11' x 4' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.1205	LF	BOX CULVERT 12' x 05' FURNISH & INSTALL	Furnish and install 12' x 05' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
860.3216	LF	BOX CULVERT 4- 8' x 4' TXDOT TYPE MC-8-13 FURNISH & INSTALL	Furnish and install 10' x 10' box culvert either pre-cast sections or cast-in place including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
861.2508	LF		Furnish and install 25' x 8' crown span pre-cast including all excavation embedment and all incidentals necessary for the sum of dollars and cents per linear foot.
863.0000	LF	CAST- IN- PLACE FURNISH &	Furnish and install Cast-In-Place Box Culvert transition including all excavation, embedment and all incidentals according to the plans for the sum of dollars and cents per linear foot.
863.1000	LF		Furnish and install 36 inch Class IV RCP storm sewer pipe in variable depth trench including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO U	NIT DESCRIP	DESCRIPTION
863.2000 LF	TRANSITION CAST- IN- PLACE BOX TO BOX CULVERT FURNISH & INSTALL	Furnish and install Cast-In-Place Box to Box Culvert transition including all excavation, embedment and all incidentals according to the plans for the sum of dollars and cents per linear foot.
865.0000 SY	CONC DRAINAGE FLUME CONSTRUCT	Construct 3000 PSI reinforced concrete drainage flume of the width, depth and length including all incidentals necessary according to plans for the sum of dollars and cents per square yard.
866.0000 EA	SWALE BASIN CONTROL MANHOLE	
878.0000 CY	CHANNEL BED ROCK RIPRAP FURNISH & INSTALL	For channel bed rock riprap (D50=26 inches) including dewatering, excavation, hauling, filter fabric, rock, placement and all incidentals necessary to complete, in place, all according to the project plans and details for the sum of
		cents per
879.0000 SY	ROCK RIPRAP FURNISH & INSTALL	Furnish and install rock riprap of the thickness shown according to the plans, specifications and details for the sum of dollars and cents per square yard.
880.0000 SY	RIPRAP 3000 PSI FURNISH & INSTALL	Furnish and install 3000 PSI reinforced concrete riprap of the thickness shown according to the plans, specifications and details for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
881.0000	SY	RIPRAP GROUTED STONE FURNISH & INSTALL	Furnish and install grouted stone riprap according to the plans, specifications and details for the sum of dollars and cents per square yard.
881.1200	SY	RIPRAP GROUTED STONE 12" THICK FURNISH & INSTALL	Furnish and install 12 inch thick grouted stone riprap according to the plans, specifications and details for the sum of dollars and cents per square yard.
881.1800	SY	RIPRAP GROUTED STONE 18" THICK FURNISH & INSTALL	Furnish and install 18 inch thick grouted stone riprap according to the plans, specifications and details for the sum of dollars and cents per square yard.
882.2400	SY	24" THICK FLOWABLE FILL	Furnish and install 24-inch thick flowable fill according to the plans, specifications and details for the sum of dollars and cents per square yard.
882.3600	SY	36" THICK FLOWABLE FILL	Furnish and install 36-inch thick flowable fill according to the plans, specifications and details for the sum of dollars and cents per square yard.
883.1000	EA	ANCHOR ACTIVE	Construct Gabion Active Anchors and all incidentals according to the plans, specifications and details for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
884.0000	OCY	GABION CHANNEL BANK RETAINING WALL	For tied-back gabion channel bank retaining wall including all filter material and incidentals necessary according to the plan for the sum of dollars and cents per cubic yard.
884.1000	LF	GABION ROCK ANCHOR	For gabion rock anchor ties back assemblies including all incidentals necessary according to the plan for the sum of dollars and cents per linear foot.
884.9999	CY	GABION CLASS C CONSTRUCT	Construct Class C concrete foundation for gravity gabion channel bank retainning wall including all incidentals necessary according to the plan for the sum of dollars and cents per cubic yard.
885.0000	CY	GABION BLANKET CONSTRUCT	For Gabion blankets, wire, fiber fabric, rock of the thickness according to the plans, specifications and details complete and in place for the sum of dollars and cents per cubic yard.
885.1200	CY	GABION BLANKET 12" CONSTRUCT	For 12" Gabion blanket, wire, fiber fabric, rock of the thickness according to the plans, specifications and details complete and in place for the sum of dollars and cents per cubic yard.
885.1201	CY	GABION BLANKET 12" PVC COATED CONSTRUCT	For 12" PVC Coated Gabion blanket type channel protection all according to the plans, specifications and details complete and in place for the sum of dollars and cents per cubic yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
885.1203	CY	GABION BLANKET 12" CONSTRUCT	For 12" Gabion blanket with 3 inch minimum grout, wire, fiber fabric, rock of the thickness according to the plans, specifications and details complete and in place for the sum of dollars and cents per cubic yard.
885.3031	CY	GABION BLANKET 3' x 3' PVC COATED CONSTRUCT	For 3' x 3' PVC Coated Gabion blanket type channel protection all according to the plans, specifications and details complete and in place for the sum of dollars and cents per cubic yard.
885.3151	CY	GABION BLANKET 3' x 1.5' PVC COATED CONSTRUCT	For 3' x 1.5' PVC Coated Gabion blanket type channel protection all according to the plans, specifications and details complete and in place for the sum of dollars and cents per cubic yard.
885.5000	CY	GABION BLANKET 3' x 1.5', 3'x2', 3'x3', and 6'x1' PVC COATED CONSTRUCT	For 3'x1.5', 3'x2', 3'x3', and 6'x1' PVC Coated Gabion blanket type channel protection all according to the plans, specifications and details complete and in place for the sum of dollars and cents per cubic yard.
886.0000	SY	CURLEX BLANKET 4' WIDE FURNISH & INSTALL	Furnish and install 4' wide Curlex Blanket as manufactured by American Ex. Co., or approved equal, and all incidentals according to the plans for the sum of dollars and cents per square yard.
886.1000	SY	EROSION CONTROL BLANKET FOR CHANNEL SLOPES	For high velocity erosion control blanket, including fertilizer and sprinkling, complete and in place, for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
886.2000	EA	EROSION CONTROL MAT TEMPORARY	Furnish and install temporary erosion control mat according to the plans and specifications complete and in place, for the sum of dollars and cents per square yard.
887.0000	SF	WALLSTONE SLOPE PROTECTION FURNISH & INSTALL	Furnish and install Wallstone erosion protection all according to the plans for the sum of dollars and cents per square face foot.
887.1000	CY	REINFORCED SLOPE PROTECTION FURNISH & INSTALL	Furnish and install reinforced slope erosion protection (MSE) all according to the plans for the sum of dollars and cents per cubic yard.
888.0000	CY	BERM EARTHEN	For furnishing all materials, labor and equipment to construct earthen berm, including all incidentals necessary according to the plans for the sum of dollars and cents per cubic yard.
889.0500	SY	CONCRETE MOW STRIP 5" THICK	For construction of concrete mow strip, 5" in thickness including reinforcement, all according to the plans for the sum of dollars and cents per square yard.
889.1200	SY	CONCRETE MOW STRIP 12"	For construction of 12" concrete mow strip, 6" in thickness including reinforcement, all according to the plans for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
889.1800	SY	CONCRETE MOW STRIP 18"	For construction of 18" concrete mow strip, 6" in thickness including reinforcement, all according to the plans for the sum of dollars and cents per square yard.
892.3600	LF	BORE 36" RCP, CLASS V FURNISH & INSTALL	Furnish, Install and Bore 36 inch Class V RCP storm sewer pipe all according to the plans for the sum of cents per linear foot.
893.0000	CY	CONCRETE VELOCITY DISSIPATER	Construct complete and in place Concrete Velocity Dissipater all all according to the plans for the sum of cents per cubic yard.
893.1000	LS	CONCRETE ENERGY DISSIPATER	Construct complete and in place Concrete Energy Dissipater all all according to the plans for the lump sum of dollars and cents.
894.2100	LF	BORE 21" RCP, CLASS III FURNISH & INSTALL	Furnish, Install and Bore 21 inch Class III RCP storm sewer pipe all according to the plans for the sum of dollars and cents per linear foot.
894.2400	LF	BORE 24" RCP, CLASS III FURNISH & INSTALL	Furnish, Install and Bore 24 inch Class III RCP storm sewer pipe all according to the plans for the sum of dollars and cents per linear foot.

2/7/2014

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
894.3600	LF	BORE 36" RCP, CLASS III FURNISH & INSTALL	Furnish, Install and Bore 36 inch Class III RCP storm sewer pipe all according to the plans for the sum of cents per linear foot.
894.4200	LF	BORE 42" RCP, CLASS III FURNISH & INSTALL	Furnish, Install and Bore 42 inch Class III RCP storm sewer pipe all according to the plans for the sum of cents per linear foot.
895.0000	LS	STORM WATER PREVENTION	Storm Water Prevention Plan (SWPPP) for the lump sum of dollars and cents.
896.0000	LF	TRENCH SAFETY	Furnish and install complete trench safety for storm sewer installation including all incidentals necessary according to the specifications, details, and State and Federal regulations for the sum of dollars and cents per linear foot.
897.0000	LF	FRENCH DRAIN FURNISH & INSTALL	Furnish and install a French drain the size and length shown including all excavation, specified gravel, filter cloth and incidentals according to the plans for the sum of dollars and cents per linear foot.
898.0000	LF	AREA DRAIN FURNISH & INSTALL	Furnish and install an area drain the size and length shown including all excavation, specified gravel, filter cloth and incidentals according to the plans for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
900.0000	SF	TRENCH SHORING, SACRIFICIAL	Furnish and install specific sacrificial trench shoring , including all incidentals necessary accoding to the plans, specifications and details for the sum of dollars and cents per square foot
900.0001	LF	TRENCH SHORING, SACRIFICIAL	Furnish and install specific sacrificial trench shoring , including all incidentals necessary accoding to the plans, specifications and details for the sum of dollars and cents per linear foot
905.0000	LS	ENVIRONMENTAL TESTING	Environmental testing, including all incidentals necessary accoding to the plans, specifications and details for the lump sum of dollars and cents.
910.0000	LS	ODOR CONTROL FACILITY	Furnish and install force main odor control facility including all incidentals necessary according to the plans and specifications for the lump sump of dollars and cents.
920.0000	LF	RAISE DGNO TRACT	For furnishing all materials, labor and equipment to raise the existing DGNO TRACT, including all incidentals complete for the sum of dollars and cents per linear foot.
921.0000	SF	CONCRETE PANEL FOR RAIL CROSSING	For furnishing all materials, labor and equipment to provide and install a CONCRETE PANEL FOR RAIL CROSSING, complete for the sum of dollars and cents per square foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
922.0000	CY	COMPACT BALLAST FILL	For furnishing all materials, labor and equipment to provide and compact BALLAST FILL, including all incidentals for the sum of dollars and cents per cubic yard.
960.0600	LF	GAS, 6", BORE, FURNISH & INSTALL	Furnish and install by boring 6" GAS main line and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
961.0600	LF	GAS, 6" TRENCH, FURNISH & INSTALL	Furnish and install by trenching 6" GAS main line and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
990.0000	EA	VIDEO PROJECT	For video taping a project, upon notification by the City, prior to beginning work on that project, including all labor and materials to complete for the sum of dollars and cents each.
990.1000	LS	VIDEO PROJECT	For video taping a project, prior to beginning work, including all labor and materials to complete for the sum of cents each.
991.6000	EA	6' LIGHT POLE, FIXTURE AND FOUNDATION FURNISH & INSTALL	Furnish and install 6' light pole, fixture and foundation, including all labor and materials to complete for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1000.0000	LS	LANDSCAPING AND IRRIGATION FOR ROADWAY MEDIAN	For complete landscaping and irrigation for roadway medians as shown in the project plans including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the lump sum of dollars and cents
1000.1000	LS	LANDSCAPING AND IRRIGATION FOR PARKWAY	For complete landscaping and irrigation for parkway as shown in the project plans including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the lump sum of dollars and cents
1001.0000	SY	IRRIGATION FOR PLANTING	For complete irrigation for planting as shown in the project plans including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the lump sum of dollars and cents
1001.0001	MOS	IRRIGATION FOR PLANTING - MAINTAIN	For complete irrigation and maintenance for planting as shown in the project plans including all incidentals necessary to complete, in place, all according to the plans, details, and specifications per month of dollars and cents
1002.0001	SY	IRRIGATION SYSTEM 0-1,000 SY INSTALL & REMOVE	For the installation and removal of a complete temporary irrigation system necessary to fully establish permanent vegetation, including all required water and incidentals, in which the total area is between 0-1,000 square yards for the sum of cents per square yard.
1002.0002	SY	IRRIGATION SYSTEM 1,001- 5,000 SY INSTALL & REMOVE	For the installation and removal of a complete temporary irrigation system necessary to fully establish permanent vegetation, including all required water and incidentals, in which the total area is between 1,001-5,000 square yards for the sum of dollars and cents per square yard.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1002.0003	SY		For the installation and removal of a complete temporary irrigation system necessary to fully establish permanent vegetation, including all required water and incidentals, in which the total area is between 5,001-10,000 square yards for the sum of dollars and cents per square yard.
1002.0004	SY	20,000 SY INSTALL & REMOVE	For the installation and removal of a complete temporary irrigation system necessary to fully establish permanent vegetation, including all required water and incidentals, in which the total area is between 10,001-20,000 square yards for the sum of dollars and cents per square yard.
1002.0005	SY	IRRIGATION SYSTEM >20,000 SY INSTALL & REMOVE	For the installation and removal of a complete temporary irrigation system necessary to fully establish permanent vegetation, including all required water and incidentals, in which the total area is >20,000 square yards for the sum of cents per square yard.
1003.0000		IRRIGATION -	
1003.0010	LS	DRIP IRRIGATION TO TREE	Furnish and Install Drip Irrigation to Trees, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the lump sum of cents.
1003.0020	LS	DRIP IRRIGATION IN ALL LANDSCAPE BED AREAS	Furnish and Install Drip Irrigation in all landscape bed areas, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the lump sum of dollars and cents.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1003.0030	ĒΑ	IRRIGATION CONTROLLERS, RAIN SENSOR, FREEZE SENSOR, CONCRETE PAD & SWEEP CONDUITS FURNISH & INSTALL	Furnish and install Irrigation Controller, rain sensor, freeze sensor, concrete pad, and sweep conduits, including all incidentals necessary to complete, in place,
1003.0031		VALVE, Y STRAINER, DOUBLE CHECK ASSEMBLY & HYDROMETER WITH TYPE K COPPER SERVICE FROM WATER METER THROUGH HYDROMETER FOR IRRIGATION SYSTEM	Furnish and Install Isolation Valve, Y Strainer, Double Check Assembly and Hydrometer with Type K Copper Service from water meter through Hydrometer for irrigation system, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents.
1003.0600	LF		Furnish and Install 6" PVC irrigation, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents per linear foot.
1003.0610	LF	IRRIGATION SLEEVE 6" PVC	Furnish and Install 6" PVC irrigation sleeve, including all incidentals necessary to complete, in place, all according to the plans, details, and specifications for the sum of dollars and cents per linear foot.
1099.0000	LS	CONTINGENCY FOR UNFORESEEN LANDSCAPE ITEMS	For unforeseen landscape items or additional quantities of work to construct the project, to be used at the direction of the owner, for the lump sum of dollars and cents.
1100.0000	EA	PULLBOX REMOVE & RELOCATE	Remove and relocate of existing pullbox including all incidentals necessary according to the plans for the sum of cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1101.0000	EA	CABINET, BASE MT. (INSTALL)	Install traffic signal cabinet according to the plans, specifications, and details, complete and in place for the sum of dollars and cents each.
1101.1000	EA	COMBINATION BASE TYPE I CONSTRUCT	Construct Type I reinforced concrete base for combination street light pole and all other incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
1101.2000	EA	COMBINATION BASE TYPE II CONSTRUCT	Construct Type II reinforced concrete base for combination street light pole and all incidentals necessary according to the plans for the sum of dollars and cents each.
1101.4000	EA	COMBINATION BASE TYPE IV CONSTRUCT	Construct Type IV reinforced concrete base for combination traffic signal or street light pole and all incidentals necessary according to the plans for the sum of dollars and cents each.
1110.0000	EA	CABINET FOUNDATION, FURNISH & INSTALL	Construct concrete traffic signal cabinet foundation and all incidentals necessary according to the plans, specifications, and details, complete and in place for the sum of dollars and cents each.
1111.0000	EA	PULLBOX, (INSTALL)	Install Type 2 street light pullbox furnished by Garland Power & Light Co., complete and in place, all according to the plans, details, and specifications, for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1112.0000	EA	TRAFFIC PULLBOX TYPE 'D' FURNISH & INSTALL	Furnish and install Type 'D' traffic pullbox for traffic signal conduit and all incidentals necessary according to the plans, specifications, and details, complete and in place for the sum of cents each.
1112.2000	EA	TRAFFIC PULLBOX TYPE 2 FURNISH & INSTALL	Furnish and install Type 2 or Type 2 Extended street light conduit pullbox and all incidentals necessary according to the plans, specifications, and details, complete and in place for the sum of dollars and cents each.
1114.0000	EA	PULLBOX, BREAK-IN TYPE (INSTALL)	Install pullbox, break- in type, and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents each.
1115.0000	EA	PULLBOX, BREAK-IN TYPE (FURNISH AND INSTALL)	Furnish and install pullbox, break- in type, and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents each.
1116.0000	EA	PULLBOX TYPE 'D', REPLACE (INSTALL)	Replace existing and install Type 'D' pullbox, and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents each.
1117.0000	EA	TRAFFIC PULLBOX TYPE 'D' REMOVE, FURNISH & INSTALL	Remove existing and furnish and install Type 'D' traffic pullbox, and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1152.0000		CONDUIT, 1", TRENCH, FURNISH & INSTALL	Furnish and install by trenching 1" PVC traffic signal and street light conduit, and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1156.0000	LF	CONDUIT 1-1/2" PVC FURNISH & INSTALL	Furnish and install 1-1/2" PVC traffic signal and street light conduit and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of cents per linear foot.
1160.0000	LF	CONDUIT 2" PVC BY TRENCHING FURNISH & INSTALL	Furnish and install by trenching 2" PVC traffic signal and street light conduit and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1161.5000	LF	CONDUIT 2-1/2" PVC FURNISH & INSTALL	Furnish and install 2-1/2" PVC traffic signal and street light conduit and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of cents per linear foot.
1162.0000	LF	CONDUIT, 2", BORE, FURNISH & INSTALL	Furnish and install by boring 2" PVC traffic signal and street light conduit and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1164.0000	LF	CONDUIT 3" PVC FURNISH & INSTALL	Furnish and install 3" PVC traffic signal and street light conduit and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1165.0000	LF	CONDUIT 4" PVC BY TRENCHING FURNISH & INSTALL	Furnish and install by trenching 4" PVC traffic signal and street light conduit and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1166.0000	LF	CONDUIT, 3", BORE, FURNISH & INSTALL	Furnish and install by boring 3" PVC traffic signal and street light conduit and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1167.0000	LF	CONDUIT, 4", BORE, FURNISH & INSTALL	Furnish and install by boring 4" PVC traffic signal and street light conduit including all incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
1167.1000	LF	CONDUIT WHITE (SCH 40) 4" PVC FURNISH & INSTALL	Furnish and install 4" pvc electric conduit (white) including all incidentals necessary to complete in place all according to the plans for the sum of dollars and cents per linear foot.
1168.0000	LF	CONDUIT RIGID METAL" BORE	Jack or bore inch rigid metal conduit for traffic signal or street light conduit, and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1168.2000	LF	2" RIGID METAL CONDUIT FURNISH & INSTALL	Furnish and install 2" rigid metal conduit for boring, and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1170.0000	LF	CONDUIT 4" PVC FURNISH & INSTALL	Furnish and install 4" PVC traffic signal and street light conduit and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of cents per linear foot.
1180.0000	LF	NYLON PULL CORD FURNISH & INSTALL	Furnish and install nylon pull cord in all existing and proposed electrical conduit as shown on the plans and specifications for the sum of dollars and cents per linear foot.
1190.0000	LF	ELECTRIC CONDUIT WITH 10" STEEL CASING PIPE 4" BORE	Bore 4" pvc(Schedule 40) electric conduit including new 1/4 thickness smooth steel 10" encasement pipe with stainless steel spacers and all incidental according to the plans for the sum of dollars and cents per linear foot.
1190.1000		ELECTRIC CONDUIT WITH 12" STEEL CASING PIPE 4" BORE	Bore 4" pvc(Schedule 40) electric conduit including smooth steel 12" encasement pipe with stainless steel spacers and all incidental according to the plans for the sum of dollars and cents per linear foot.
1220.0000	EA	FRAME IN LINE POLE (FI)	Frame in line pole and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents each.
1221.0000	EA	FRAME DEAD END POLE (FI)	Frame dead end pole and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1222.0000	EA		Frame double dead end pole and all incidentals necessary, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents each.
1250.0000	LF		Furnish and install 12 pair communication cable in conduit, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1254.0000	LF		Furnish and install 12 pair communication cable according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot
1255.0000		CABLE, FIBER, 24 STRAND	Furnish and Install a 24 strand, single mode, direct burial fiber communication cable, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents per linear foot.
1260.0000	LF		Furnish and install 12 pair communication cable, figure 8, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot
1261.0000	EA	COMBINATION FURNISH & INSTALL	Install combination coaxial head-end/16 AWG 3 conductor cable, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1262.0000	LF	CABLE, #16-3 CONDUCTOR, 16 AWG, COLOR CODE BLACK, WHITE, GREEN, FURNISH & INSTALL	Furnish & install #16-3 conductor cable according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1263.0000	LF	CABLE,COMM.,2 TO 12 PR.,U.G.(INSTALL)	Install 2 to 12 pair communication cable, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot
1264.0000	LF	CABLE, BELDEN 8281, OR EQUIVALENT FOR VIDEO DETECTION CAMERAS, FURNISH & INSTALL	Furnish and install coaxial cable according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1265.0000	LF	CABLE, #14-16 CONDUCTOR, FURNISH & INSTALL	Furnish and install #14-16 conductor cable according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1267.0000	LF	CABLE, #14-8 CONDUCTOR, FURNISH & INSTALL	Furnish and install #14-8 conductor cable according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1270.0000	LF	CABLE, #14-5 CONDUCTOR, FURNISH & INSTALL	Furnish and install #14-5 conductor cable according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1271.0000	LF	CABLE, #14-20 CONDUCTOR, FURNISH & INSTALL	Furnish and install #14-20 conductor cable according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1273.0000	LF	CABLE, #6 POWER, FURNISH & INSTALL	Furnish and install #6 power cable according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1274.0000	LF	CABLE, #6 AERIAL DUPLEX POWER, FURNISH & INSTALL	Furnish and install #6 aerial duplex power cable according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1275.0000	LF	CABLE, DETECTOR, 1 PAIR, FURNISH & INSTALL	Furnish and install 1 pair detector cable according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1277.0000	LF	DETECTOR CABLE 2 PAIR, FURNISH & INSTALL	Furnish and install 2 pair detector cable according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1279.0000	LF	DETECTOR CABLE 4 PAIR, FURNISH & INSTALL	Furnish and install 4 pair detector cable according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.

ITEM_NO UNI	T DESCRIP	DESCRIPTION
1283.0000 LF	CABLE, DETECTOR, 2 PR., LASH, FURNISH & INSTALL	Furnish and install 2 pair detector cable, lashed, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1285.0000 LF	CABLE, DETECTOR, 4 PR., LASH, FURNISH & INSTALL	Furnish and install 4 pair detector cable, lashed, according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1291.0000 LF	CABLE, OPTICOM, 3-M, FURNISH & INSTALL	Furnish and install Opticom cable according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1295.0000 LF	CABLE, DETECTOR, 5 PAIR, FURNISH & INSTALL	Furnish and install 5 pair detector cable according to the plans, specifications, and details, complete and in place for the sum of dollars and cents per linear foot.
1299.0000 LF	CABLE # 6 FURNISH & INSTALL	Furnish and install # 6 bare cable including all labor and incidentals necessary complete and in place for the sum of dollars and cents per linear foot.
1301.0000 EA	LOOP DETECTOR 6' X 6' FURNISH & INSTALL	Furnish and install 6' x 6' loop detector including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents per each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1302.0000	EA	LOOP DETECTOR 6' X 15' FURNISH & INSTALL	Furnish and install 6' x 15' loop detector including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents per each.
1303.0000	EA	LOOP DETECTOR, 6' X 18' FURNISH & INSTALL	Furnish and install 6' x 18' loop detector including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents per each.
1304.0000	EA	LOOP DETECTOR 6' X 20' (QUAD) FURNISH & INSTALL	Furnish and install 6' x 20' quad left turn loop detector including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents per each.
1305.0000	EA	LOOP DETECTOR, 6' X 20' FURNISH & INSTALL	Furnish and install 6' x 20' loop detector including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents per each.
1306.0000	EA	LOOP DETECTOR, 6'X 25' QUADRUPOLE FURNISH & INSTALL	Furnish and install 6' x 25' loop detector including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents per each.
1309.0000	EA	LOOP DETECTOR, 6' X 28' FURNISH & INSTALL	Furnish and install 6' x 28' loop detector including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents per each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1310.0000	ĒΑ	LOOP DETECTOR, 6' X 30' QUAD FURNISH & INSTALL	Furnish and install 6' x 30' quad loop detector including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents per each.
1311.0000	EA	LOOP DETECTOR, 6' X 30' FURNISH & INSTALL	Furnish and install 6' x 30' loop detector including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents per each.
1314.0000	EA	LOOP DETECTOR, 6' X 40' QUAD FURNISH & INSTALL	Furnish and install 6' x 40' quad loop detector including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents per each.
1315.0000	EA	LOOP DETECTOR, 6' X 40' FURNISH & INSTALL	Furnish and install 6' x 40' loop detector including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents per each.
1317.0000	EA	LOOP DETECTOR, 6' X 50', FURNISH & INSTALL	Furnish and install 6' x 50' loop detector including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents per each.
1323.0000	EA	TRAFFIC CONTROLLER BASE 4000 PSI CONSTRUCT, FURNISH & INSTALL	Construct 4000 PSI reinforced concrete traffic signal controller base, foundation and all incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1323.3000	EA		Construct 3000 PSI reinforced concrete traffic signal controller base, foundation and all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents per each.
1324.0000		FOUNDATION, POLE, TYPE "II", FURNISH & INSTALL	Construct Type II reinforced concrete for combination traffic signal or street light pole and all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each
1325.0000	EA	TYPE A COMBINATION BASE CONSTRUCT, FURNISH & INSTALL	Construct Type A reinforced concrete base for traffic signal pole and all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each
1326.0000	EA	TYPE B COMBINATION BASE CONSTRUCT, FURNISH & INSTALL	Construct Type B reinforced concrete base for traffic signal pole and all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each
1327.0000	EA	TYPE III POLE FOUNDATION CONSTRUCT, FURNISH & INSTALL	Construct Type III reinforced concrete for combination traffic signal or street light pole and all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each
1327.1000	EA	FOUNDATION CONSTRUCT,	Construct Type 24-A TxDOT, reinforced concrete for combination traffic signal or street light pole and all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1328.0000	EA	PED POLE, 10' & STD. BASE (INSTALL)	Install standard base and ped pole including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1328.1500	EA	PED POLE, 15' & STD. BASE (INSTALL)	Install standard base and 15' ped pole including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1329.0000	EA	POLE PEDESTAL & STANDARD BASE	Furnish and install pedestal pole and standard base for traffic signal, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1330.0000	EA	TYPE 30-A TXDOT SIGNAL FOUNDATION CONSTRUCT, FURNISH & INSTALL	Construct Type 30-A TxDOT, reinforced concrete foundation for traffic signal pole, per TxDOT Standard Detail TS-FD-99 and all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1331.0000	EA	TYPE 36-A, TxDOT SIGNAL FOUNDATION, CONSTRUCT, FURNISH & INSTALL	Construct Type 36-A TxDOT, reinforced concrete foundation for traffic signal pole, per TxDOT standard detail, TS-FD-99 and all incidentals necessary according to the plans, specifications and details for the sum of dollars and cents each.
1332.0000	EA	POLE, STEEL & 24' ARM (INSTALL)	Install pole and 24' arm, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1336.0000	EA	POLE, STEEL & 28' ARM (INSTALL)	Install pole and 28' arm, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1339.0000	EA	POLE, STEEL & 32' ARM (INSTALL)	Install pole and 32' arm, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1342.0000	EA	POLE, STEEL & 36' ARM (INSTALL)	Install pole and 36' arm, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1345.0000	EA	POLE, STEEL & 40' ARM (INSTALL)	Install pole and 40' arm, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1348.0000	EA	POLE, STEEL & 44' ARM (INSTALL)	Install pole and 44' arm, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1351.0000	EA	POLE, STEEL & 48' ARM (INSTALL)	Install pole and 48' arm, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1352.0000	EA	POLE, STEEL & 52' ARM (INSTALL)	Install pole and 52' arm, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1353.0000	EA	POLE, STEEL & 55' ARM (INSTALL)	Install pole and 55' arm, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1354.0000	EA	POLE, STEEL & 60' ARM (INSTALL)	Install pole and 60' arm, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1355.0000	EA	POLE, STEEL & 65' ARM (INSTALL)	Install pole and 65' arm, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1360.0000	EA	POLE, STEEL, W/ 2 ARMS (INSTALL)	Install pole with 2 arms, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1361.0000	EA	REMOVE & RELOCATE POLE, ARM, SIGNAL HEADS MULTIPLE LENGTHS	Remove and relocate traffic signal pole, arm, and signal heads complete and in place of varying lengths, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1398.0000	EA	STREET LIGHT EXTENSION ASSY. (INSTALL)	Install street light extension assembly, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1399.0000	EA	STREET LIGHT POLE/LUMINAIR ASSY. INSTALL	Install standard street light pole, arm and luminair assembly including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1401.0000	EA	SIGNAL HEAD, 3 SECTION (INSTALL)	Install 3 section signal head including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1402.0000	EA	SIGNAL HEAD, 4 SECTION (INSTALL)	Install 4 section signal head including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1404.0000	EA	SIGNAL HEAD, 5 SECTION (INSTALL)	Install 5 section signal head including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1407.0000	EA	PEDESTRIAN PUSH BUTTON (INSTALL)	Install pedestrian push button, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1410.0000	EA	PEDESTRIAN SIGNAL HEAD (INSTALL)	Install pedestrian signal head including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1451.0000	EA	OPTICOM DISCRIMINATORS (INSTALL)	Install Opticom discriminator, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1454.0000	EA	OPTI-COM DETECTORS (INSTALL)	Install Opticom detectors, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1456.0000	EA	OPTICOM DETECTORS (FURNISH)	Furnish Opticom, 3M brand detectors, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1461.0000	EA	MICROWAVE/RADAR DETECTORS (INSTALL)	Install microwave vehicle detectors, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each
1462.0000	EA	MICROWAVE/RADAR DETECTORS (FURNISH)	Furnish microwave vehicle detectors, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1463.0000 i	EA		Install video camera on traffic signal poles or mast arms, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1501.0000 E	EA	REMOVE AND SALVAGE SIGNAL/PED HEAD	Remove and salvage vehicle & pedestrian signal heads, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1502.0000 E	EA	PULL BOX - REMOVE	Remove pull box and all incidentals according to the plans, specifications and details for the sum of cents each.
1503.0000 E	EA	REMOVE TYPE III POLE (HR/LUMENAIR)	Remove Type III pole, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1504.0000 E	EA	REMOVE 25/16' CANT. TYPE ASSY.	Remove cantilever type assembly, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1505.0000 E	EA	REMOVE STREET LIGHT EXTENSION ASSY	Remove street light extension assembly, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1508.0000	EA	REMOVE CABINET/POLE FOUNDATION	Remove cabinet/pole foundations, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1509.0000	EA	REMOVE/SALVAGE EXISTING CABINET	Remove and salvage existing cabinet, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1510.0000	EA	REMOVE STANDARD BASE/POLE ASSEMBLY	Remove standard base/pole, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents per each.
1511.0000	EA	REMOVE WOOD POLE	Remove wood pole including all incidentals necessary according to the plans, specifications, and details for the sum of dollars and cents each.
1511.0100	EA	REMOVE & RESET CONCRETE POLE	Remove and reset concrete pole including all incidentals necessary according to the plans, specifications, and details for the sum of dollars and cents each.
1512.0000	EA	REMOVE STREET LIGHT POLE ASSY	Remove street light pole assembly including all incidentals necessary according to the plans, specifications, and details for the sum of dollars and cents each.

ITEM_NO UI	NIT DESCRIP	DESCRIPTION
1513.0000 LS	REMOVE SPAN WIRE ASSY W/CABLE & SIGNS	Remove span wire assembly with cable and signs including all incidentals necessary according to the plans, specifications, and details for the sum of dollars and cents per lump sum.
1514.0000 EA	INSTALL OLD STREET LIGHT ON NEW FOUNDATION	Installation of existing street light pole on new foundation all according to the plans, specifications, and details, for the sum of and cents each.
1515.0000 EA	INSTALL OLD SIGNAL POLE ON NEW FOUNDATION	Installation of old signal pole on new foundation and all other incidentals necessary to complete in place according to the plans, specifications, and details, for the sum of and cents each.
1516.0000 LS	TEMPORARY TRAFFIC SIGNAL	Furnish and install Temporary Traffic Signals as required, all according to the plans, specifications and details for the lump sum of dollars and cents per lump sum
1570.0000 EA	REMOVAL OF EXISTING PAVEMENT MARKINGS AND BUTTONS, EACH	Remove existing traffic buttons including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents per each.
1575.0000 LF	PAINT & THERMOPLASTIC MARKINGS, REMOVE	Remove paint and thermoplastic markings including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1577.0000	LS	REMOVAL OF EXISTING REFLECTIVE PAVEMENT MARKERS, LUMP SUM	Remove existing reflective pavement markers including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents per lump sum.
1601.0000	LF	THERMOPLASTIC, 8" (CROSSWALK) (FI)	Furnish and install 8" thermoplastic crosswalk including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents per linear foot.
1601.0400	LF	4" SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS	Install 4" wide white thermoplastic markings on pavement including thermoplastic and all other incidentals necessary to complete in place all acording to the plans, specifications, and details, for the sum of dollars and cents per linear foot.
1602.0000	LF	TRAFFIC STOP BAR 24" INSTALL	Install 24" wide white thermoplastic stop bar on pavement including thermoplastic and all other incidentals necessary according to the plans, specifications and details for the sum of dollars and cents per linear foot.
1606.0000	LF	PAVEMENT MARKINGS WHITE SOLID 4" FURNISH & INSTALL	Install 4" wide white solid construction pavement marking according to the BC standards, fot the sum of dollars and cents per linear foot.
1606.0400	LF	PAVEMENT MARKINGS WHITE 4" FURNISH & INSTALL	Furnish and install 4" white pavement markings including blast cleaning concrete pavement and all other incidentals necessary according to the plans, specifications, and details for the sum of dollars and cents linear foot.

ITEM_NO UNIT	DESCRIP	DESCRIPTION
1606.1200 LF	PAVEMENT MARKINGS 12" SOLID WHITE FURNISH & INSTALL	Furnish and install 12" solid white pavement markings and all other incidentals necessary according to the plans, specifications, and details for the sum of dollars and cents per linear foot.
1606.2400 LF	PAVEMENT MARKINGS SOLID WHITE 24" FURNISH & INSTALL	Furnish and install 24" solid white pavement markings and all other incidentals necessary according to the plans for the sum of dollars and cents per linear foot.
1610.0000 LF	PAVEMENT MARKING YELLOW SOLID 4" FURNISH & INSTALL	Furnish and install 4" yellow solid pavement markings and all other incidentals necessary according to the plans, specifications, and details for the sum of dollars and cents per linear foot.
1612.0000 LF	PAVEMENT MARKINGS DOUBLE YELLOW SOLID 4" CONSTRUCT	Install 4" wide yellow double solid construction pavement marking according to the BC standards, for the sum of cents per linear foot.
1615.0600 LF	PAVEMENT MARKINGS FIRE LANE FURNISH & INSTALL	Install pavement markings fire lane according to the BC standards, for the sum of dollars and cents per linear foot.
1626.0000 EA	TRAFFIC ARROWS (FI)	Furnish and install pre- formed lane marking arrows and symbols including all labor and incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1626.1000	EΑ	PAVEMENT MARKING LETTER	Furnish and install pre-formed pavement marking letters including all labor and incidentals necessary according to the plans for the sum of dollars and cents each.
1626.2000	EA	PAVEMENT MARKING SYMBOL	Furnish and install pre-formed pavement marking symbol including all labor and incidentals necessary according to the plans for the sum of dollars and cents each.
1635.0000	EA	WHITE PAINT WHEELCHAIR SYMBOL	Install white paint wheelchair symbol on pavement including paint and all other incidentals necessary to complete in place all acording to the plans, specifications and details, for the sum of dollars and cents each.
1635.5000	EA	HANDICAP SIGN	Furnish and install sign, post, concrete, mounts and all other incidentals necessary to install in place all according to the plans, specifications and details, for the sum of cents each.
1637.0000	EA	CONCRETE WHEELSTOP	Furnish and install concrete wheelstop, and all other incidentals necessary to mount into cocrete pavement and install in place according to the plans, specifications, and details, for the sum of dollars and cents each.
1640.0000	EA	4" SQ. ACRYLIC TRAFFIC BUTTON MONO-REFLECTIVE, WHITE (FI)	Furnish and install 4" square mono-directional reflective white acrylic traffic buttons including all labor and all incidentals necessary according to the plans, specifications, and details for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1641.0000	ĒΑ	4" SQ. ACRYLIC TRAFFIC BUTTON MONO-REFLECTIVE, YELLOW (FI)	Furnish and install 4" square mono-directional reflective yellow acrylic traffic buttons including all labor and all incidentals necessary according to the plans for the sum of dollars and cents each.
1646.0000	EA		Furnish and install 4" square bi- directional reflective yellow acrylic traffic buttons including all labor and all incidentals necessary according to the plans for the sum of dollars and cents each.
1647.0000	EA	4" SQUARE ACRYLIC TRAFFIC BUTTON BI- DIRECTIONAL REFLECIVE, BLUE FURNISH & INSTALL	Furnish and install 4" square bi- directional reflective blue acrylic traffic buttons including all labor and all incidentals necessary according to the plans for the sum of dollars and cents each.
1650.0000	EA	TRAFFIC BUTTONS NRW 4" ROUND FURNISH & INSTALL	Furnish and install 4" round non-reflective white glazed ceramic traffic buttons (P-7W) and all incidentals necessary according to the plans for the sum of dollars and cents each.
1651.0000	EA	TRAFFIC BUTTONS NRY JIGGLE BAR TILE 6" SQUARE FURNISH & INSTALL	Furnish and install 6" square non-reflective yellow glazed ceramic jiggle bar tile traffic butttons (P-6-1Y) and all other incidentals necessary according to the plans, specifications, and details for the sum of dollars and cents each.
1652.0000	EA		Furnish and install 6" square non-reflective white glazed ceramic jiggle bar tile traffic buttons (P-6-1W) and all incidentals necessary according to the plans, specifications, and details for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1653.0000	ĒΑ		Furnish and install 4" round mono-directional white reflective glazed ceramic traffic buttons and all incidentals necessary according to the plans, specifications, and details for the sum of dollars and cents each.
1654.0000	EΑ	TRAFFIC BUTTONS MDW JIGGLE BAR TILE 6" SQUARE FURNISH & INSTALL	Furnish and install 6" square mono-directional white reflective glazed ceramic jiggle bar tile (P-6W) traffic buttons and all incidentals necessary according to the plans, specifications, and details for the sum of dollars and cents each.
1655.0000	EA		Furnish and install 6" square mono-directional yellow reflective glazed ceramic jiggle bar tile (P-6Y) traffic buttons and all incidentals necessary according to the plans, specifications, and details for the sum of dollars and cents each.
1656.0000	EA	TRAFFIC BUTTONS NRY 4" ROUND FURNISH & INSTALL	Furnish and install 4" non-reflecting yellow glazed ceramic traffic buttons and all incidentals according to the plans for the sum of dollars and cents each.
1657.0000	EA	TRAFFIC BUTTONS 4" ROUND BDY FURNISH & INSTALL	Furnish and install 4" bi-directional yellow reflective glazed ceramic traffic buttons and all incidentals according to the plans for the sum of dollars and cents each.
1658.0000	EA	BUTTON NON-REFLECTIVE,	Furnish and install 8" round non- reflective white glazed ceramic traffic buttons and all incidentals according to the plans, specifications, and details for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1660.0000	ĒΑ		Furnish and install 6" round non- reflective white glazed ceramic traffic buttons and all incidentals according to the plans, specifications, and details for the sum of dollars and cents each.
1661.0000	EA		Furnish and install 6" round mono- reflective white glazed ceramic traffic buttons and all incidentals according to the plans, specifications, and details for the sum of dollars and cents each.
1670.0000	EA	BUTTON NON-REFLECTIVE,	Furnish and install 4" round non-reflectiveyellow glazed ceramic traffic buttons including all labor and all incidentals according to the plans, specifications, and details for the sum of dollars and cents each.
1672.0000	EA		Furnish and install 4" round/ oval bi-directional reflective yellow glazed ceramic traffic buttons including all labor and all incidentals according to the plans, specifications, and details for the sum of dollars and cents each.
1676.0000	EA		Furnish and install 8" round non- reflective yellow glazed ceramic traffic buttons and all incidentals according to the plans, specifications, and details for the sum of dollars and cents each.
1677.0000		BUTTON MONO-REFLECTIVE,	Furnish and install 8" round mono- reflective yellow glazed ceramic traffic buttons and all incidentals according to the plans, specifications, and details for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1678.0000	ĒΑ		Furnish and install 8" round bi- directional reflective yellow glazed ceramic traffic buttons and all incidentals according to the plans, specifications, and details for the sum of dollars and cents each.
1679.0000			Furnish and install 8" round mono- reflective white glazed ceramic traffic buttons and all incidentals according to the plans, specifications, and details for the sum of dollars and cents each.
1682.0000		6" SQUARE CEREMIC JIGGLE BAR TRAFFIC BUTTON BI- DIRECTIONAL REFLECTIVE, YELLOW (FI)	Furnish and install 6" square bi- directional yellow reflective glazed ceramic jiggle bar tile traffic buttons and all incidentals according to the plans, specifications, and details for the sum of dollars and cents each.
1700.0000	EA	TRAFFIC SIGNAL BASE TYPE I OR II 4000PSI CONST.	Construct one (1) Type I or Type II 4000 psi traffic signal base at designated location, including all drilling, materials, and labor necessary to complete in place for the sum of cents each.
1702.0000	EA	SIGN, MAST ARM MOUNT, INSTALL	Install signs on traffic signal mast arms, including all incidentals necessary, according to the plans, specifications and details for the sum of dollars and cents each.
1750.0000	EA	400- WATT HPS LAMP	Install 400W HPS street lamp furnished by Garland Power & Light Co. including all incidentals necessary to complete in place, all according to the plans, specifications, and details, for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1751.0000	EA	250- WATT HPS LAMP	Install 250W HPS street lamp furnished by Garland Power & Light Co. including all incidentals necessary to complete in place, all according to the plans, specifications, and details, for the sum of dollars and cents each.
1800.0000	EA	STREET LIGHT OR TRAFFIC SIGNAL BASE CONST.	Construct one (1) of the following street light or traffic signal base: Type 1, 2, 3, 4 concrete base to be constructed of 3600 psi reinforced concrete at designated locations for the sum of dollars and cents each.
1801.0000	EA	STREET LIGHT RISER	Construct street light riser including all incidentals necessary to complete in place, all according to the plans, specifications, and details, for the sum of dollars and cents each.
1850.0000	LF	WIRE #6 CU, BARE	Pull in #6 Cu wire (bare) furnished by Garland Power & Light Co., complete and in place, all according to the plans, specifications, and details, for the sum of dollars and cents per linear foot.
1851.0000	LF	WIRE #6 CU INSULATED	Pull in #6 Cu wire (insulated) furnished by Garland Power & Light Co., complete and in place, all according to the plans, specifications, and details, for the sum of dollars and cents per linear foot.
1900.0000	LS	SIGN & BARRICADE	Implement traffic control, signing, and barricading and all other incidentals necessary according to the plans for the lump sum of dollars and cents.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1900.0001	LS	SIGN & BARRICADE	Implement traffic control, signing, and barricading for Saturn Road, and all other incidentals necessary according to the plans for the lump sum of dollars and cents.
1900.0002	LS	SIGN & BARRICADE	Implement traffic control, signing, and barricading, excluding Saturn Road, and all other incidentals necessary according to the plans for the lump sum of dollars and cents.
1900.1000	MOS	SIGN & BARRICADE, MONTHLY	Implement traffic control, signing, and barricading and all other incidentals necessary according to the plans for the sum of dollars and cents per month.
1901.4600	EA	ELECTRIC VAULT 4' X 6' INSTALL	Install 4' x 6' electric vault as furnished by Garland Power & Light, including all incidentals necessary according to the plans for the sum of dollars and cents each.
1905.0000	EA	STREET PARKING LOT LIGHT REMOVE & RELOCATE	Remove and relocate street parking lot light at designated location, including all drilling, materials, and labor necessary to complete in place for the sum of dollars and cents each.
1906.0020	EA	SCHOOL FLASHER & 2" UNDERGROUND CONDUIT REMOVE & RELOCATE	Remove and relocate existing school flasher and 2" underground conduit for control power, including all incidentals necessary according to the plans for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1907.0000	EA	POST & FOUNDATION OF STREET AND TRAFFIC SIGN INSTALL	Install post and foundation of street and traffic sign, including all incidentals necessary according to the plans for the sum of dollars and cents each.
1908.0000	EA	POST & FOUNDATION OF STREET AND TRAFFIC SIGN REMOVE AND DISPOSE	Remove and dispose existing post and foundation of street and traffic sign , including all incidentals necessary according to the plans for the sum of dollars and cents each.
1909.0000	EA	STREET & TRAFFIC SIGN PANELS REMOVE, SALVAGE & DELIVER TO COG TRAFFIC SHOP	Remove, salvage, deliver existing street and traffic sign panel to the City Of Garland Traffic Shop, including all incidentals necessary according to the plans for the sum of dollars and cents each.
1909.1000	MOS	SIGN & BARRICADE MONTHLY	Implement traffic control, signing, and barricading and all other incidentals necessary according to the plans for the sum of dollars and cents per month.
1910.0000	LS	UNDERGROUND ELECTRIC LINES REPAIR & REPLACE	For the repairing or replacingof any damaged underground electric lines, complete and in place according to the plans for the lump sum of dollars and cents.
1910.0100	LS	UNDERGROUND ELECTRIC LINES REMOVE & RELOCATION	For removing and relocation of underground electric conduit and electric lines, including all incidentals, complete and in place for the sum of dollars and cents per linear foot.

ITEM_NO UNIT	DESCRIP	DESCRIPTION
1915.0210 LF	CONDUIT 2" SCHEDULE 40 PVC, DIRECTIONAL DRILL, FURNISH & INSTALL	Furnish and install 2-inch, schedule 40 PVC conduit, by directional drill including all incidentals according to the plans, specifications, and details, for the sum of dollars and cents per linear foot.
1915.0400 LF	CONDUIT 4" SCHEDULE 40 PVC, OPEN CUT, FURNISH & INSTALL	Furnish and install 4-inch, schedule 40 PVC conduit, open cut in unclassified trench depth according to the plans including all incidentals necessary for the sum of dollars and cents per linear foot.
1915.0410 LF	CONDUIT 4" SCHEDULE 40 PVC, DIRECTIONAL DRILL, FURNISH & INSTALL	Furnish and install 4-inch, schedule 40 PVC conduit, by directional drill including all incidentals according to the plans, specifications, and details, for the sum of dollars and cents per linear foot.
1920.0000 LF	FIBER OPTIC CONDUIT	Furnish and install conduit for fiber optic line, open cut in unclassified trench depth according to the plans, including all incidentals necessary according to the plans, specifications, and details, for the sum of dollars and cents per linear foot.
1920.0001 LF	FIBER OPTIC CONDUIT BY DIRECTIONAL DRILL	Furnish and install conduit for fiber optic line by directional drill including all incidentals according to the plans, specifications, and details, for the lump sum of dollars and cents per linear foot.
1921.0000 EA	FIBER OPTIC JUNCTION BOX	Furnish and install fiber optic junction box including all incidentals necessary according to the plans for the sum of cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
1922.0000	EA	PULL BOX 13"x24", FURNISH & INSTALL	Furnish and install 13"x24" pullbox including all incidentals necessary according to the plans for the sum of cents each.
1922.0001	EA	PULL BOX 36"x60", FURNISH & INSTALL	Furnish and install 36"x60" pullbox including all incidentals necessary according to the plans for the sum of cents each.
2000.0000	LS	CONTINGENCY CONSTRUCT	For unforeseen items or additional quantities of work to construct the project, to be used at the direction of the owner, for the lump sum of dollars and cents.
2100.0000	LS	MOBILIZATION & MOVE IN	For mobilization and move-in 5% max complete in place for the lump sum of dollars and cents.
2100.1000	LS	SUPPLEMENTAL MOBILIZATION	For supplemental mobilization and move-in complete in place for the lump sum of dollars and cents.
2200.0000	МТ	FACILITIES FOR FIELD OFFICE	Field office, for the sum of dollars and cents per month.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
2300.0000	LS	REPAIR/ REPLACE DAMAGE U.G.E.	For the repairing or replacing of any damaged underground electric lines, complete and in place, for the lump sum of dollars and cents.
2500.0000	LS	TEMPORARY SUPPORT OF POWER POLES	For temporary support of power poles as shown on the plans for the lump sum of dollars andcents
2660.2000	LF	2-6" PVC ELECTRICAL DUCT LINE FURNISH & INSTALL	Furnish and Install 2-6" PVC concrete encased electrical duct bank, including all incidentals according to the plans, specifications, and details, for the sum of dollars and cents per linear foot.
2664.2100	LF	2-6" and 1-4" PVC ELECTRICAL DUCT LINE FURNISH & INSTALL	Furnish and Install 2-6" and 1-4" PVC concrete encased electrical duct bank, including all incidentals according to the plans, specifications, and details, for the sum of dollars and cents per linear foot.
2664.5100	LF	5-6" and 1-4" PVC ELECTRICAL DUCT LINE FURNISH & INSTALL	Furnish and Install 5-6" and 1-4" PVC concrete encased electrical duct bank, including all incidentals according to the plans, specifications, and details, for the sum of dollars and cents per linear foot.
2664.6200	LF	6-6" and 2-4" PVC ELECTRICAL DUCT LINE FURNISH & INSTALL	Furnish and Install 6-6" and 2-4" PVC concrete encased electrical duct bank, including all incidentals according to the plans, specifications, and details, for the sum of dollars and cents per linear foot.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
2665.2200	LF	2-4" and 2-6" GALVANIZED RIGID CONDUITS	Furnish and install 2-4" and 2-6" galvanized rigid conduits in a concrete encased electrical duct bank including all incidentals according to the plans, specifications, and details, for the sum of dollars and cents per linear foot.
2700.0000	EA	CONCRETE PAVING, BOLLARD AND APPURTENANCES SAW CUT, REMOVE & DISPOSAL	Saw cut, remove and disposal of all concrete paving, bollards and appurtenances according to the plans and specifications including all incidentals for the lump sum of dollars and cents.
2710.0101	EA	CALYLOPHUS FURNISH & INSTALL	Furnish and install 1 gallon Calylophus (Calylophus spp.) complete and in place according to the plans and specifications for the sum ofdollars andcents each.
2710.0102	EA	IRISH FURNISH & INSTALL	Furnish and install 1 gallon Iris, L.A. (Iris brevicaulis 'Black Gamecock') complete and in place according to the plans and specifications for the sum of dollars andcents each.
2710.0103	EA	TWISTED LEAF YUCCA FURNISH & INSTALL	Furnish and install 1 gallon Twisted leaf Yucca (Yucca rupicola) complete and in place according to the plans and specifications for the sum of dollars andcents each.
2710.0104	EA	SALVIA GREGGII 'WHITE' FURNISH & INSTALL	Furnish and install 1 gallon Salvia greggii 'white' (Salvia greggii) complete and in place according to the plans and specifications for the sum of dollars andcents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
2710.0205	EA	DOUBLE KNOCKOUT / RED FURNISH & INSTALL	Furnish and install 2 gallon Double Knockout / Red (Rosa 'double knockout') complete and in place according to the plans and specifications for the sum of dollars and cents each.
2710.0306	EA	ROSEMARY FURNISH & INSTALL	Furnish and install 3 gallon Rosemary (Rosimarinus officinalis) complete and in place according to the plans and specifications for the sum of dollars and cents each.
2710.0507	EA	DWARF YAUPON HOLLY FURNISH & INSTALL	Furnish and install 5 gallon Dwarf Yaupon Holly (Ilex vomitoria 'Nana') complete and in place according to the plans and specifications for the sum of dollars and cents each.
2710.0508	EA	YUCCA/ SOFTLEAF YUCCA FURNISH & INSTALL	Furnish and install 5 gallon Yucca / Softleaf Yucca (Yucca recurvifolia) complete and in place according to the plans and specifications for the sum of dollars and cents each.
2720.0801	EA	DESERT WILLOW FURNISH & INSTALL	Furnish and install 8'-10' tall Desert Willow (Chiopsis lineraris) complete and in place according to the plans and specifications for the sum of dollars and cents each.
2720.0802	EA	POSSUMHAW HOLLY FURNISH & INSTALL	Furnish and install 8'-10' tall Possumhaw Holly (Ilex decidua) complete and in place according to the plans and specifications for the sum of dollars and cents each.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
2750.0001	SY	RIVER ROCK FURNISH & INSTALL	Furnish and install River Rock (New Mexico) complete and in place according to the plans and specifications for the sum of dollars and cents per square yard.
2760.0001	SY	CONCRETE CURB CLASS "C" 6" CONSTRUCT	Construct 6" thick, reinforced Class "C" concrete curb complete and in place according to the plans and specifications for the sum of dollars and cents per square yard.
2770.0001	LS	IRRIGATION SYSTEM FURNISH & INSTALL	Furnish and install irrigation system complete and in place according to the plans and specifications for the lump sum of dollars and cents.
2780.0000	EA	BOLLARD STEEL 6" SCHEDULE 40 FURNISH & INSTALL	Furnish and install 6" schedule 40 steel bollards complete and in place according to the plans and specifications for the sum of dollars and cents each.
2780.0001	EA	BOLLARD STEEL 6" SCHEDULE 40 CUT, REMOVE, DISPOSE & RECAP W/ CONCRETE	Cut, remove, dispose, and recap with concrete, existing 6" schedule 40 steel bollards complete and in place according to the plans and specifications for the sum of dollars and cents each.
2790.0000	LS	APPURTENANCES PAINT	Paint all above ground appurtenances of the existing air scrubbers according to the plans and specification for the lump sum of dollars and cents.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
3003.0800	LF	CONDUIT 2-4" SHEDULE 40 PVC ONCOR CONSTRUCT BY DIRECTIONAL BORE	Construct two 4-inch, schedule 40 PVC Verizon conduits by directional bore including equipment, materials, bends, fittings, excavation, embedment, backfilling, and all incidentals necessary to complete according to the plans, specifications, and details for the sum of dollars and cents per LINEAR FOOT.
3003.1200	LF	DIRECTIONAL BORE	Construct two 6-inch, schedule 40 PVC Oncor conduits by directional bore including equipment, materials, bends, fittings, excavation, backfilling, and all incidentals necessary to complete according to the plans, specifications, and details for the sum of dollars and cents per LINEAR FOOT.
3104.0800	LF		Construct two 4-inch, schedule 40 PVC Verizon duct bank by open cut in unclassified trench depth including equipment, materials, bends, fittings, excavation, embedment, electronic conduit marker, backfilling, and all incidentals necessary to complete according to the plans, specifications, and details for the sum of dollars and cents per LINEAR FOOT.
3104.1200	LF	PVC ONCOR CONSTRUCT BY	Construct two 6-inch, schedule 40 PVC Oncor duct bank by open cut in unclassified trench depth including equipment, materials, bends, fittings, excavation, embedment, electronic conduit marker, backfilling, and all incidentals necessary to complete according to the plans, specifications, and details for the sum of dollars and cents per LINEAR FOOT.
3200.0408	EA	PULL BOX 4' x 8' FURNISH & INSTALL	Furnish and install 4'x 8' primary pull box including equipment, materials, fittings, excavation, backfilling, and all incidentals necessary to complete according to the plans, specifications, and details for the sum of dollars and cents EACH.
3300.0400	EA	POLE RISER 4" SCHEDULE 80 PVC FURNISH & INSTALL	Furnish and install 4-inch schedule 80 PVC pole riser (1 per pole) including equipment, materials, bends, fittings, standoffs, excavation, backfilling, and incidentals necessary according to the plans for the sum of dollars and cents EACH.

ITEM_NO	UNIT	DESCRIP	DESCRIPTION
3300.0600	EA	POLE RISER 6" SCHEDULE 80 PVC FURNISH & INSTALL	Furnish and install 6-inch schedule 80 PVC pole riser (1 per pole) including equipment, materials, bends, fittings, standoffs, excavation, backfilling, and incidentals necessary according to the plans for the sum of dollars and cents EACH.
3402.0000	LS	CONCRETE PAD FOR SWITCHGEAR CONSTRUCT	Construct precast concrete pad for switchgear including equipment, materials, pipe, bends, fittings, grounding rods, excavation, backfilling, and all incidentals necessary to complete according to the plans, specifications, and details for the lump sum of cents.
3500.0000	EA	SPLICE BOX FURNISH & INTALL	Furnish and install 3'x 5' splice box including equipment, materials, fittings, excavation, backfilling, and all incidentals necessary to complete according to the plans, specifications, and details for the sum of dollars and cents EACH.
4001.0000	EA	TELEPHONE PULL BOX REMOVE & RELOCATE	Remove & relocate existing telphone pull box and all incidentals necessary to complete according to the plans, specifications, and details for the sum of dollars and cents EACH.